PB83-209908

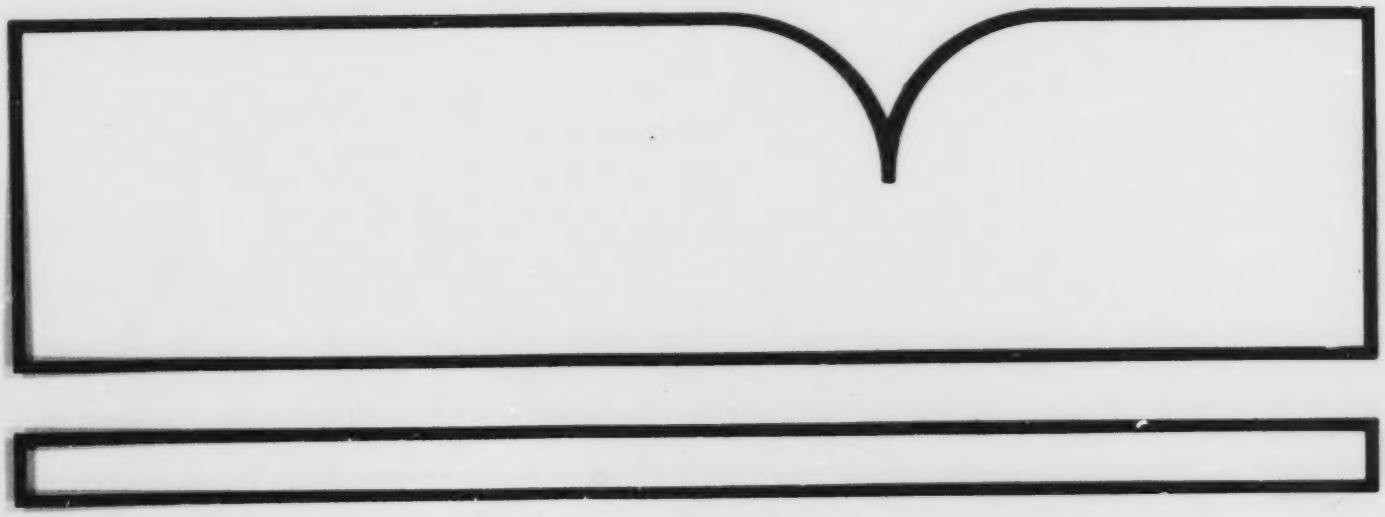
Nationwide Urban Runoff Project, Champaign Illinois: Evaluation of the Effectiveness of Municipal Street Sweeping in the Control of Urban Storm Runoff Pollution
Supplement to Final Report

Illinois State Water Survey Div., Champaign

Prepared for

Illinois State Environmental Protection Agency
Springfield

Dec 82



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15. Supplementary Notes

A companion document, Final Report, presents procedures used, results obtained, and conclusions.

16. Abstract (Limit: 200 words)

This volume covers three summaries of data collected during the Champaign, Illinois, Nationwide Urban Runoff Program project. The first is basic data about the study basins; the second is the runoff event data, and the third is the results of the street dirt monitoring.

17. Document Analysis a. Descriptors

Hydrology	Water pollution	Storms	Civil Engineering
Urban development	Water resources	Regional planning	Streetsweeping
Watersheds	Sedimentation	Urban planning	

b. Identifiers/Open-Ended Terms

Runoff	Soil Erosion	Storm Drains
Streamflow	Water Quality	Urbanization
Strem pollution	Sediments	Land use
Rainfall	Sediment Transport	Streets
Snowmelt	Suspended Solids	

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SURFACE WATER SECTION
AT THE
UNIVERSITY OF ILLINOIS

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Energy and Natural Resources

SWS Contract Report 300S

SUPPLEMENT TO
FINAL REPORT

NATIONWIDE URBAN RUNOFF PROJECT, CHAMPAIGN, ILLINOIS: EVALUATION OF THE EFFECTIVENESS OF MUNICIPAL STREET SWEEPING IN THE CONTROL OF URBAN STORM RUNOFF POLLUTION

by

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G. Michael Bender

Douglas C. Noel

prepared for

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
SPRINGFIELD, ILLINOIS
and
U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION V – CHICAGO, ILLINOIS

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This volume contains three summaries of data collected during the Champaign NURP project. Data collection in the project comprised two major efforts: the measurement of quantity and identification of quality in street dirt load and storm runoff from five urban drainage basins. Basic information about the study basins themselves is listed in the first table. Summaries of runoff event data from the basins in 1980-81 constitute the second set of tables. Results of street dirt monitoring make up the final set of tables. The fixed site data and the street load summaries have been written into STORET in essentially the formats shown in this volume. The tables presented as runoff event data are actually summaries of the raw data, which reside on STORET as one-minute records of rainfall, flow, and water quality at each site for each event.

FIXED SITE DATA

This table contains data on area, population, surface slope, storm sewer network, street type and condition, land use, building practice, and soil group for each of the five basins. The basin identified as "James and Daniel" is the micro-basin. Additional data residing on STORET under this heading include geographical and political information.

FIXED SITE DATA FOR CHAMPAIGN , ILLINOIS

ITEM	(UNITS)	NORTH MATTIS	SOUTH MATTIS	JAMES & DANIEL	SOUTH JOHN	NORTH JOHN
CATCHMENT AREA	(ACRES)	16.66	27.63	1.38	39.21	54.38
CATCHMENT POPULATION	(PERSONS)	50.00	600.00	30.00	720.00	1000.00
CATCHMENT SLOPE	(FT/MILE)	18.66	54.93	90.00	62.00	30.60
SEWER SLOPE	(FT/MILE)	28.39	63.45	92.02	69.36	35.47
SEWER LENGTH	(FEET)	3255.00	2480.00	350.00	2535.00	3260.00
PERCENT WITH COMBINED SEWERS	(%)	0.00	0.00	0.00	0.00	0.00
PERCENT WITH SEPARATE SEWERS	(%)	100.00	100.00	100.00	100.00	100.00
PERCENT WITH CURBS & GUTTERS	(%)	100.00	57.60	100.00	91.22	100.00
PERCENT WITH SWALES & DITCHES	(%)	0.00	42.40	0.00	8.78	0.00
PERCENT WITH NO SEWERS	(%)	0.00	0.00	0.00	0.00	0.00
LANE LENGTH (BASED ON 12 FT WIDTH)	(LANE-MILES)	2.73	3.18	.11	3.30	4.67
PERCENT WITH CURBS & GUTTERS	(%)	100.00	57.60	100.00	100.00	100.00
PERCENT WITH SWALES & DITCHES	(%)	0.00	42.40	0.00	0.00	0.00
ASPHALT LANE LENGTH	(LANE-MILES)	.29	.23	0.00	.23	1.72
PERCENT IN GOOD CONDITION	(%)	0.00	100.00	0.00	100.00	100.00
PERCENT IN FAIR CONDITION	(%)	100.00	0.00	0.00	0.00	0.00
PERCENT IN POOR CONDITION	(%)	0.00	0.00	0.00	0.00	0.00
CONCRETE LANE LENGTH	(LANE-MILES)	2.39	2.10	.11	3.07	2.95
PERCENT IN GOOD CONDITION	(%)	0.00	80.00	0.00	20.00	10.00
PERCENT IN FAIR CONDITION	(%)	100.00	20.00	100.00	80.00	80.00
PERCENT IN POOR CONDITION	(%)	0.00	0.00	0.00	0.00	10.00
OTHER MATERIAL LANE LENGTH	(LANE-MILES)	.06	.85	0.00	0.00	0.00
PERCENT IN GOOD CONDITION	(%)	0.00	0.00	0.00	0.00	0.00
PERCENT IN FAIR CONDITION	(%)	100.00	100.00	0.00	0.00	0.00
PERCENT IN POOR CONDITION	(%)	0.00	0.00	0.00	0.00	0.00
CURB LENGTH	(CURB-MILES)	1.34	1.59	.11	3.21	4.52
LAND USE						
RESIDENTIAL, 2-8 UNITS/ACRE	(ACRES)	7.15	19.26	1.38	36.63	54.38
IMPERVIOUS PORTION	(ACRES)	2.25	4.80	0.19	6.84	10.05
RESIDENTIAL, OVER 8 UNITS/ACRE	(ACRES)	0.00	5.59	0.00	0.00	0.00
IMPERVIOUS PORTION	(ACRES)	0.00	3.80	0.00	0.00	0.00
COMMERCIAL, LINEAR STRIP	(ACRES)	9.51	2.78	0.00	0.00	0.00
IMPERVIOUS PORTION	(ACRES)	7.44	2.50	0.00	0.00	0.00
PARKS AND OPEN AREA	(ACRES)	0.00	0.00	0.00	3.58	0.00
NUMBER OF BUILDINGS		21	67	7	165	226
PERCENT WITH DRIVEWAYS	(%)	100.00	100.00	100.00	98.00	100.00
PERCENT DRIVEWAYS PAVED	(%)	90.00	61.00	43.00	74.00	82.00
PERCENT DRIVEWAY STRIPS	(%)	0.00	0.00	0.00	0.00	2.00
PERCENT DRIVEWAYS GRAVEL	(%)	10.00	39.00	57.00	26.00	16.00
ROOFTOP AREA	(ACRES)	1.96	4.19	0.18	5.19	7.18
PERCENT ROOFTOPS WITH GUTTERS	(%)	100.00	94.00	100.00	98.00	98.00
PERCENT DOWNSPOUTS TILED	(%)	30.00	10.00	43.00	40.00	52.00
PERCENT DOWNSPOUTS OPEN	(%)	70.00	90.00	57.00	60.00	48.00
SOIL INFORMATION						
HYDROLOGIC SOIL GROUP	(A B C D)	B	B	B	B	B
PERVIOUS AREA	(ACRES)	6.46	13.43	1.17	26.54	36.47
AVAILABLE WATER STORAGE IN SOIL	(IN/IN SOIL)	0.45	0.45	0.45	0.45	0.45
PERMEABILITY OF SOIL HORIZON	(IN/HOUR)	1.30	1.30	1.30	1.30	1.30
ERODIBILITY "K" FACTOR	(USLE)	0.37	0.37	0.37	0.37	0.37

RUNOFF EVENT

DATA TABLES

The following tables are summaries of data collected at the NURP runoff sites during storms in 1980-81. There are five tables, one for each site including the micro-basin. Each table contains dated entries for every event for which runoff quantity data were available at the site. If runoff quality information was available for any of the 12 constituents detailed below, it was added to the two-record entry for the event. For an event sampled by composite method, the results of analysis of the flow-weighted composite sample were used as event mean concentrations (EMCs) of the various constituents. For an event sampled by discrete method, the EMCs were determined by calculating the washoff loads of the constituents, then dividing by the runoff volume. The maximum observed concentrations of constituents in the discrete samples from the event were also entered in the table. There were no maximum observed concentrations for the composite-sampled events.

The first record for an event contained the following information:

1. date (YYMMDD)
2. precipitation total (inches)
3. precipitation duration (minutes)
4. estimated dry days according to one procedure (not used)
5. mean flow rate (cfs)
6. runoff volume (cubic feet)
7. EMCs for 12 constituents: lead, iron, copper, total suspended solids, total dissolved solids, chemical oxygen demand, phosphorus, Kjeldahl nitrogen, nitrate-nitrite nitrogen, ammonia nitrogen, chloride and sulfate

The second record contained this information:

1. start time
2. maximum 5-minute precipitation volume (inches)
3. actual dry days since last rain
4. estimated dry days according to second procedure (not used)
5. peak flow rate (cfs)

6. runoff coefficient = runoff volume (inches)/rainfall volume (inches)
7. maximum observed concentrations of 12 constituents (discrete-sampled events only)

Units for all concentration data in the tables were mg/l.

The letters at the end of the second record were entered to identify the sweeping condition on the basin and the availability of data on the other basin of the pair. The codes were as follows:

A - basin swept; event entry for paired basin exists

B - basin unswept; event entry for paired basin exists

C - basin swept; event entry for paired basin does not exist

D - basin unswept; event entry for paired basin does not exist

The system was refined later to permit comment on the reliability of the data entered for any event. An X following any of the form letters indicated that the data for that event were suspect. The appearance of AA or BB meant that an event entry existed for the paired basin but that it was suspect.

The codes should be interpreted differently for the micro-basin tables. The first letter indicated the following:

A - micro-basin swept, same event reported for John North

B - micro-basin not swept, same event reported for John North

C - micro-basin swept, same event not reported for John North

D - micro-basin not swept, same event not reported for John North

If the second letter was X, the micro-basin data were suspect. If AA, BB, CC, or DD appeared, the micro-basin data were reliable, but the data for the same event on John South were suspect.

UPDATED DATA SUMMARY FOR THE MATTIS NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800307	.08	11.	6.3	1.1	3810.	3.17	28.25	.14	1761.61	326.08	0.00	0.00	0.00	0.00	0.00	97.16	17.94	
1610	.06	7.6	4.9	2.4	.788	5.00	42.00	.23	2260.00	1020.00	0.00	0.00	0.00	0.00	0.00	485.00	30.00	B
800307	.32	69.	5.1	1.9	8826.	.91	9.12	.03	651.93	107.47	233.65	.71	3.46	.86	1.28	17.81	11.11	
2249	.07	.3	1.8	2.9	.456	2.00	20.00	.08	2210.00	700.00	475.00	1.20	5.50	1.30	2.70	100.00	20.00	B
800316	.17	54.	7.1	.7	4704.	1.58	14.89	.06	0.00	0.00	486.22	1.13	4.18	.56	.29	0.00	0.00	
1808	.08	3.8	4.0	2.4	.458	3.00	27.00	.10	0.00	0.00	836.00	1.60	6.70	.80	.30	0.00	0.00	B
800316	.36	80.	4.1	1.2	9372.	.39	3.88	.02	287.58	119.40	0.00	0.00	0.00	0.00	0.00	23.82	13.55	
2349	.08	.2	1.2	2.9	.430	.80	6.50	.05	450.00	600.00	0.00	0.00	0.00	0.00	0.00	152.00	50.00	B
800324	0.41	173.	4.3	1.0	11400.	.32	2.23	.01	206.12	69.83	0.00	0.00	0.00	0.00	0.00	10.88	12.00	
603	.04	3.2	.8	2.2	.460	.50	3.20	.02	330.00	120.00	0.00	0.00	0.00	0.00	0.00	23.00	14.00	B
800330	0.89	156.	4.2	1.7	17034.	0.00	0.00	0.00	299.05	42.95	0.00	0.00	0.00	0.00	0.00	5.32	16.05	
853	.09	1.7	.2	2.6	.316	0.00	0.00	0.00	490.00	194.00	0.00	0.00	0.00	0.00	0.00	27.00	21.00	D
800403	0.09	32.	3.6	.8	2706.	1.11	8.55	.03	674.63	175.21	305.43	.70	3.20	.88	.22	18.79	17.07	
1427	.05	.1	2.8	1.3	.497	1.50	12.00	.04	970.00	250.00	400.00	1.00	3.70	1.00	.30	30.00	40.00	B
800512	0.54	20.	10.6	6.4	29868.	.67	8.04	.07	840.83	102.48	278.58	.85	4.20	.77	.56	10.26	15.08	
629	.26	.3	1.9	23.5	.915	1.30	11.00	.08	1610.00	250.00	370.00	1.10	4.80	1.00	.60	50.00	16.00	B
800512	0.50	27.	2.4	5.2	26916.	0.00	0.00	0.00	484.86	81.45	0.00	0.00	0.00	0.00	0.00	6.81	13.71	
2242	.30	.7	.5	17.5	.890	0.00	0.00	0.00	980.00	200.00	0.00	0.00	0.00	0.00	0.00	15.00	14.00	B
800516	0.07	74.	3.8	1.1	9042.	0.00	0.00	0.00	216.92	210.93	0.00	0.00	0.00	0.00	0.00	21.50	23.07	
1706	.02	3.7	3.3	2.2	2.136	0.00	0.00	0.00	230.00	346.00	0.00	0.00	0.00	0.00	0.00	53.00	36.00	D
800517	.48	176.	3.8	2.4	34128.	0.00	0.00	0.00	357.14	140.50	0.00	0.00	0.00	0.00	0.00	13.05	15.52	
1053	.10	.7	.9	6.7	1.176	0.00	0.00	0.00	730.00	338.00	0.00	0.00	0.00	0.00	0.00	54.00	30.00	B
800601	0.19	12.	4.5	4.7	17076.	0.00	0.00	0.00	220.27	94.73	0.00	0.00	0.00	0.00	0.00	5.98	0.00	
801	.10	1.6	2.1	8.0	1.486	0.00	0.00	0.00	650.00	115.00	0.00	0.00	0.00	0.00	0.00	6.50	13.00	B
800615	.31	52.	9.0	3.6	17136.	.25	2.20	.01	0.00	0.00	108.02	.39	1.74	1.11	0.00	0.00	0.00	
136	.11	12.5	3.4	12.1	.914	.80	6.70	.03	0.00	0.00	316.00	1.00	5.00	1.30	.80	0.00	0.00	B
800615	.07	8.	3.9	1.5	3234.	.77	3.43	.03	0.00	0.00	216.66	.45	1.65	.77	.24	0.00	0.00	
2119	.06	.6	3.1	4.2	.764	1.10	4.00	.04	0.00	0.00	224.00	.51	2.20	1.20	.30	0.00	0.00	B
800623	0.75	147.	8.0	3.5	35064.	0.00	0.00	0.00	153.96	141.31	0.00	0.00	0.00	0.00	0.00	6.85	23.13	
644	.11	7.4	.4	13.5	.773	0.00	0.00	0.00	220.00	380.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	B
800628	.49	28.	4.5	2.2	8262.	0.00	0.00	0.00	251.42	118.99	0.00	0.00	0.00	0.00	0.00	5.66	14.72	
533	.19	4.7	1.0	4.1	.279	0.00	0.00	0.00	550.00	300.00	0.00	0.00	0.00	0.00	0.00	20.00	30.00	B
800726	.07	67.	58.0	.5	1692.	.50	5.40	.04	0.00	0.00	509.14	1.08	7.77	.16	.25	0.00	0.00	
2059	.01	21.0	12.8	.7	.400	.70	9.10	.10	0.00	0.00	776.00	1.70	12.00	.20	.30	0.00	0.00	B

UPDATED DATA SUMMARY FOR THE MATTIS NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800727	0.43	61.	10.1	2.8	12798.	.45	3.31	.02	0.00	0.00	131.08	.43	1.45	.48	.13	0.00	0.00	
1318	.08	.6	1.1	8.5	.492	.80	4.70	.04	0.00	0.00	269.00	.73	3.10	1.10	.20	0.00	0.00	B
800810	.21	46.	8.7	1.3	6840.	0.00	0.00	0.00	187.40	214.96	0.00	0.00	0.00	0.00	0.00	11.06	24.58	
2006	.12	5.8	5.4	3.3	.754	0.00	0.00	0.00	400.00	400.00	0.00	0.00	0.00	0.00	0.00	20.00	33.00	B
800813	.05	47.	6.8	1.0	5376.	0.00	0.00	0.00	54.79	221.46	0.00	0.00	0.00	0.00	0.00	35.03	28.98	
2220	.01	2.5	5.8	1.7	1.778	0.00	0.00	0.00	100.00	800.00	0.00	0.00	0.00	0.00	0.00	150.00	40.00	B
800816	0.18	99.	1.3	1.3	8172.	0.00	0.00	0.00	46.47	126.34	0.00	0.00	0.00	0.00	0.00	9.66	13.51	
720	.03	1.3	.2	2.3	.751	0.00	0.00	0.00	86.00	300.00	0.00	0.00	0.00	0.00	0.00	26.00	30.00	B
800817	.13	19.	.9	1.4	5214.	.30	2.98	.05	0.00	0.00	92.02	.28	.69	.61	0.00	0.00	0.00	
930	.09	.8	.7	2.8	.663	.40	4.70	.06	0.00	0.00	115.00	.37	.80	1.00	.10	0.00	0.00	B
800818	.25	90.	.8	1.2	7926.	0.00	0.00	0.00	96.51	115.04	0.00	0.00	0.00	0.00	0.00	6.27	12.67	
1450	.06	.3	.4	2.3	.524	0.00	0.00	0.00	180.00	300.00	0.00	0.00	0.00	0.00	0.00	30.00	30.00	B
800831	.11	67.	7.0	.9	5358.	0.00	0.00	0.00	178.73	342.33	0.00	0.00	0.00	0.00	0.00	41.89	36.77	
1211	.04	2.0	4.6	2.1	.805	0.00	0.00	0.00	230.00	800.00	0.00	0.00	0.00	0.00	0.00	150.00	57.00	B
800905	.04	14.	3.2	.9	2118.	.56	3.86	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1311	.02	3.4	2.8	1.3	.876	.70	6.30	.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	B
800907	0.20	41.	4.3	1.9	9300.	.19	1.66	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
917	.05	1.8	2.1	2.8	.769	.30	2.00	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	B
800907	0.09	12.	2.4	1.3	3852.	0.00	0.00	0.00	136.43	190.59	0.00	0.00	0.00	0.00	0.00	13.17	20.79	
1707	.07	.3	1.9	2.3	.708	0.00	0.00	0.00	220.00	400.00	0.00	0.00	0.00	0.00	0.00	42.00	25.00	B
800916	0.69	172.	6.8	2.0	20946.	.13	1.09	.07	0.00	0.00	0.00	.41	.78	.51	.01	0.00	0.00	
405	.07	2.7	.5	3.3	.502	.50	3.00	.11	0.00	0.00	0.00	3.60	3.00	.80	.01	0.00	0.00	B
800916	0.76	229.	1.0	2.0	27696.	0.00	0.00	0.00	106.72	137.55	0.00	0.00	0.00	0.00	0.00	11.02	19.41	
2000	.11	.5	.1	5.5	.603	0.00	0.00	0.00	260.00	250.00	0.00	0.00	0.00	0.00	0.00	20.00	23.00	B
801001	0.44	37.	9.9	1.4	5538.	.82	3.88	.06	294.28	212.46	342.61	.89	5.86	1.63	.85	11.15	28.83	
1830	.13	14.6	2.3	2.3	.208	1.70	6.90	.14	610.00	600.00	556.00	1.50	7.20	2.10	1.00	22.00	41.00	A
801001	0.10	53.	2.4	.5	2502.	.43	1.68	.03	67.80	136.80	143.98	.45	2.57	1.40	.62	8.13	23.61	
2032	.03	.1	1.9	1.1	.414	.60	1.80	.03	72.00	150.00	170.00	.48	2.80	1.60	.70	8.60	25.00	A
801024	0.31	157.	7.4	1.6	15204.	0.00	0.00	0.00	117.80	212.91	0.00	0.00	0.00	0.00	0.00	17.34	25.28	
1009	.05	6.6	2.8	3.5	.811	0.00	0.00	0.00	170.00	800.00	0.00	0.00	0.00	0.00	0.00	100.00	44.00	B
801027	0.15	204.	4.8	0.5	5658.	.25	2.20	.08	0.00	0.00	612.00	.83	3.2	.51	.26	0.00	0.00	
1106	.01	2.9	3.2	1.0	.364	.45	4.10	.17	0.00	0.00	2640.00	2.00	6.6	.90	.60	0.00	0.00	B
801123	0.21	161.	13.7	1.6	13152.	0.00	0.00	0.00	61.72	221.75	0.00	0.00	0.00	0.00	0.00	13.78	18.91	
427	.02	25.8	6.3	1.4	.268	0.00	0.00	0.00	160.00	800.00	0.00	0.00	0.00	0.00	0.00	80.00	40.00	B

UPDATED DATA SUMMARY FOR THE MATTIS NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L) LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810304	.26	359.	10.2	.6	14418.	.17	2.60	.02	80.00	235.00	190.00	.55	1.70	.70	.10	37.00	26.00	
207	.03	9.6	4.7	.9	.529													BB
810304	.24	199.	5.0	.7	12240.	.50	4.50	.02	240.00	163.00	175.00	.40	2.00	.60	.10	25.00	19.00	
1826	.06	.4	2.5	1.9	.486													B
810329	.10	21.	13.6	.9	4662.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1019	.03	24.5	10.5	2.0	.445													AX
810403	.06	25.	12.1	.4	1554.	.71	5.20	.08	250.00	524.00	555.00	.65	4.50	1.40	.30	98.00	48.00	
925	.03	5.0	10.6	.6	.247													B
810403	.07	15.	10.8	.7	2196.	1.11	9.60	.14	770.00	163.00	290.00	.87	3.70	.40	0.00	14.00	20.00	
1834	.03	.4	9.2	1.4	.299													B
810404	.36	64.	9.3	2.1	15294.	1.11	9.60	.14	770.00	163.00	290.00	.87	3.70	.40	0.00	14.00	20.00	
30	.15	.2	3.1	6.9	.405													B
810408	.08	8.	6.2	.7	1278.	0.00	0.00	0.00	240.00	273.00	0.00	0.00	0.00	0.00	0.00	35.00	36.00	
855	.07	4.3	4.8	1.4	.152													B
810409	.05	15.	5.3	.8	2742.	.32	2.20	.08	140.00	208.00	0.00	0.00	0.00	0.00	0.00	25.00	25.00	
11	.02	.6	4.8	1.5	.523													B
810410	.54	153.	5.6	2.0	22650.	.33	3.20	.06	197.00	118.00	97.00	.33	2.60	.80	.30	9.50	12.00	
346	.10	1.1	2.1	4.9	.413													B
810410	.67	32.	1.5	2.8	22746.	0.00	0.00	0.00	855.00	95.00	0.00	0.00	0.00	0.00	0.00	5.20	10.00	
1504	.27	.4	.2	14.7	.324													BB
810411	.20	162.	.8	1.1	13194.	0.00	0.00	0.00	124.00	127.00	0.00	0.00	0.00	0.00	0.00	12.00	10.00	
619	.02	.6	.4	2.0	.629													B
810411	.18	115.	.6	1.3	13176.	0.00	0.00	0.00	124.00	127.00	0.00	0.00	0.00	0.00	0.00	12.00	10.00	
1351	.04	.2	.4	2.4	.698													B
810411	.26	34.	.6	1.5	10092.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2140	.13	.2	.3	3.9	.370													B
810413	.21	61.	1.5	1.5	8364.	0.00	0.00	0.00	254.00	126.00	0.00	0.00	0.00	0.00	0.00	11.00	0.00	
1102	.10	1.1	.8	2.9	.380													B
810413	.23	72.	1.3	1.4	10062.	0.00	0.00	0.00	112.00	98.00	0.00	0.00	0.00	0.00	0.00	9.00	0.00	
2359	.03	.5	.6	2.6	.417													B
810419	.49	735.	5.0	1.0	25560.	.07	2.10	.03	95.00	115.00	92.00	.28	2.40	4.40	.20	12.00	16.00	
548	.05	5.2	1.4	3.3	.323													B
810422	.19	52.	3.6	1.5	7650.	.05	1.40	.03	65.00	127.00	100.00	.27	3.10	2.30	.40	13.00	20.00	
410	.05	2.5	2.1	2.9	.384													BX

UPDATED DATA SUMMARY FOR THE MATTIS NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L) LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810422	.58	329.	2.2	1.7	13578.	.19	4.30	.03	235.00	110.00	83.00	.28	1.70	.90	0.00	6.20	11.00	
924	.14	.2	.4	4.9	.223													BX
810428	.47	161.	5.5	1.3	15510.	0.00	0.00	0.00	563.93	158.16	0.00	0.00	0.00	0.00	0.00	13.32	18.33	
1728	.20	6.1	1.3	5.9	.315	0.00	0.00	0.00	1185.00	216.00	0.00	0.00	0.00	0.00	0.00	23.00	25.00	B
810505	.19	41.	5.7	1.6	7926.	.20	2.30	.07	117.00	174.00	200.00	.45	2.80	.80	.30	16.00	21.00	
903	.05	4.5	.5	3.1	.398													B
810509	.52	196.	3.9	.0	36.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1356	.07	3.8	.8	7.6	.001													BX
810513	.29	180.	2.6	.7	12696.	.06	1.50	.05	60.00	127.00	77.00	.19	1.40	1.00	.20	9.90	17.00	
1727	.03	0.0	1.1	2.0	.418													B
810514	.18	155.	1.2	.6	6840.	.06	1.50	.05	60.00	127.00	77.00	.19	1.40	1.00	.20	9.90	17.00	
111	.02	.2	.7	1.0	.362													B
810514	.36	210.	.9	.8	14316.	.06	1.50	.05	60.00	127.00	77.00	.19	1.40	1.00	.20	9.90	17.00	
759	.04	.2	.4	2.0	.379													B
810517	1.20	926.	3.0	.7	38796.	0.00	0.00	0.00	80.00	166.00	0.00	0.00	0.00	0.00	0.00	15.00	15.00	
1719	.03	2.9	.1	2.6	.308													BX
810529	.15	40.	8.5	1.7	7626.	.58	5.60	.06	540.00	233.00	257.00	.49	6.20	.50	.10	13.00	22.00	
2046	.06	11.5	5.3	4.2	.485													B
810608	.10	188.	9.8	.8	7000.	.71	7.40	.06	480.00	264.00	332.00	.79	5.80	.70	0.00	24.00	26.00	
2142	.03	5.8	8.1	1.7	.668													AA
810612	.30	257.	9.7	1.1	6186.	.75	8.80	.05	482 00	160.00	223.00	.75	3.80	1.00	.40	8.10	17.00	
842	.15	3.3	2.6	3.9	.197													A
810613	.06	12.	3.3	.9	2454.	.40	5.10	.02	314.00	116.00	125.00	.39	2.40	.30	0.00	7.40	0.00	
800	.03	.8	2.9	1.7	.390													AA
810613	.31	50.	3.2	1.8	10092.	.40	5.10	.02	314.00	116.00	125.00	.39	2.40	.30	0.00	7.40	0.00	
1728	.06	.4	1.3	4.2	.311													AA
810615	.78	98.	3.1	2.1	17004.	.31	3.50	.02	302.00	79.00	84.00	.32	1.70	.40	0.00	4.90	0.00	
2045	.17	2.1	.3	5.0	.208													A
810621	.17	85.	4.8	.9	5766.	0.00	0.00	0.00	51.00	213.00	0.00	0.00	0.00	0.00	0.00	27.00	26.00	
431	.02	5.3	3.0	1.5	.324													AA
810621	1.42	70.	3.5	3.2	49398.	0.00	0.00	0.00	676.00	101.00	0.00	0.00	0.00	0.00	0.00	2.90	10.00	
2211	.30	.7	0.0	20.6	.332													AX
810624	.31	90.	2.2	1.4	9903.	.30	2.10	.01	124.00	109.00	73.00	.25	1.60	1.00	.40	10.00	20.00	
601	.12	2.3	.8	3.7	.528													A

UPDATED DATA SUMMARY FOR THE MATTIS NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4
810624	.10	87.	1.3	.6	4380.	0.00	0.00	0.00	84.00	182.00	0.00	0.00	0.00	0.00	0.00	20.00	25.00
1943	.04	.5	1.0	1.3	.724												
810704	1.85	878.	8.1	1.8	68616.	.26	2.10	.03	100.00	172.00	138.00	.36	2.50	1.10	.20	12.00	21.00
653	.15	10.0	3.4	8.0	.358												
810715	.57	242.	6.9	1.0	18108.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
506	.10	1.1	1.3	5.5	.303	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
810718	.82	147.	4.3	1.6	20508.	.49	3.07	.02	151.62	99.37	81.04	.35	1.34	.84	0.00	5.21	13.95
2338	.16	3.6	.3	8.0	.239	.60	3.50	.03	216.00	476.00	127.00	.38	1.70	1.00	0.00	34.00	50.00
810719	.40	338.	.5	1.0	25980.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
607	.04	.2	.2	2.3	.620	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
810719	.20	97.	.7	1.1	11592.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2240	.04	.5	.4	2.0	.553	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
810726	1.17	56.	5.4	3.3	23370.	.39	5.03	.02	188.30	106.49	91.33	.30	1.52	.51	0.00	3.32	14.89
33	.26	6.0	.1	9.1	.191	1.70	19.00	.04	1010.00	364.00	325.00	.78	5.40	.60	.30	59.00	39.00
810726	.08	69.	.5	.6	3600.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
948	.02	.4	.4	1.2	.429	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
810727	.89	379.	1.0	1.7	40452.	.10	1.30	0.00	56.58	107.22	59.59	.14	.95	1.07	.17	8.48	15.98
322	.11	.7	.1	8.3	.434	.10	1.60	.01	76.00	274.00	83.00	.27	1.30	1.60	.20	40.00	31.00
810727	.14	6.	.5	1.8	5508.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	.13	.4	.3	3.1	.375	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
810728	.24	132.	.5	1.7	16578.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	.05	.2	.2	3.1	.659	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
810802	.14	52.	5.1	2.0	10254.	.47	4.87	.05	118.29	263.21	235.38	.41	2.85	.84	.16	31.39	34.59
2035	.03	5.7	3.5	3.1	.699	.80	7.90	.08	164.00	439.00	264.00	.48	3.60	2.50	.30	88.00	55.00
810803	.03	1.	3.6	1.1	1788.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	.03	.1	3.2	1.2	.569	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
810805	1.65	329.	5.1	2.5	55446.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1239	.25	2.5	.1	15.8	.321	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
810809	2.49	80.	3.7	3.5	67560.	0.00	0.00	0.00	296.10	61.03	0.00	0.00	0.00	0.00	0.00	5.07	12.07
1836	.58	4.0	0.0	22.1	.259	0.00	0.00	0.00	374.00	597.00	0.00	0.00	0.00	0.00	0.00	110.00	56.00
810815	1.62	321.	1.6	3.3	69498.	.22	2.80	.02	139.00	69.00	59.00	.12	1.30	.30	.20	2.30	47.00
27	.16	.4	0.0	12.5	.409												
810826	.48	91.	8.4	2.7	20610.	.69	4.80	.03	337.00	218.00	212.00	.54	2.80	.90	0.00	13.00	27.00
1334	.13	11.1	1.9	6.1	.410												

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UPDATED DATA SUMMARY FOR THE MATTIS NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4
810829	.38	51.	2.0	3.0	15084.	.18	1.80	.01	89.00	0.00	110.00	.24	1.30	.10	.30	7.90	20.00
2251	.10	1.8	.6	7.6	.379												A
810830	.06	51.	1.5	.8	4476.	.18	1.80	.01	89.00	0.00	110.00	.24	1.30	.10	.30	7.90	20.00
2315	.02	1.0	1.3	1.1	.712												A

UPDATED DATA SUMMARY FOR THE MATTIS SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800307	0.11	53.	7.2	1.1	6408.	1.95	18.11	.05	2139.13	258.95	0.00	0.00	0.00	0.00	0.00	70.51	23.84	
1525	.06	9.0	4.8	6.4	.581	3.00	24.00	.10	3180.00	450.00	560.00	1.60	6.00	1.60	1.10	400.00	40.00	B
800307	0.34	73.	27.0	3.8	18234.	.82	8.63	.02	630.06	122.77	197.48	.68	3.15	.83	.69	20.41	11.76	
2250	.07	9.0	5.0	8.5	.535	1.50	15.00	.04	1350.00	329.00	331.00	1.00	4.80	1.50	.90	100.00	33.00	B
800316	0.16	30.	7.0	1.2	6846.	1.20	11.81	.05	0.00	0.00	377.89	1.12	3.58	.56	.29	0.00	0.00	
1845	.08	3.8	12.0	7.5	.427	2.00	18.00	.07	0.00	0.00	590.00	1.50	4.40	1.00	.30	0.00	0.00	B
800316	0.41	100.	4.0	1.8	15468.	.35	4.30	.01	308.21	86.19	0.00	0.00	0.00	0.00	0.00	11.93	18.00	
2335	.08	.2	11.0	7.5	.376	.50	5.80	.02	470.00	350.00	0.00	0.00	0.00	0.00	0.00	66.00	26.00	B
800324	0.45	216.	.0	1.2	16668.	0.00	0.00	0.00	248.54	57.97	0.00	0.00	0.00	0.00	0.00	9.34	9.00	
623	.08	4.0	4.3	3.4	.369	0.00	0.00	0.00	360.00	100.00	0.00	0.00	0:00	0.00	0.00	20.00	9.00	B
800403	.05	77.	3.6	.4	4920.	0.00	0.00	0.00	192.05	235.17	0.00	0.00	0.00	0.00	0.00	26.24	30.78	
956	.01	3.9	3.4	1.1	.981	0.00	0.00	0.00	397.00	400.00	0.00	0.00	0.00	0.00	0.00	49.00	54.00	D
800403	.10	34.	3.5	.9	3822.	.83	6.23	.03	486.91	177.16	230.25	.66	3.67	1.07	.38	16.46	18.36	
1417	.05	.1	2.8	2.4	.381	1.30	8.90	.04	795.00	300.00	332.00	.88	5.10	1.50	.50	33.00	34.00	B
800512	.51	20.	10.6	5.1	14736.	1.25	9.38	.06	1173.93	81.48	241.52	.78	4.41	.65	.58	7.81	12.15	
630	.26	.3	2.1	24.2	.288	1.50	11.00	.07	2380.00	350.00	272.00	.87	4.80	1.50	.60	40.00	40.00	B
800512	.50	28.	2.7	3.1	11004.	.85	7.35	.05	0.00	0.00	197.75	.58	3.77	.67	.45	0.00	0.00	
2242	.30	.7	.6	16.2	.219	1.30	10.50	.06	0.00	0.00	247.00	.75	4.60	1.10	.50	0.00	0.00	B
800517	.43	67.	3.9	.8	3978.	0.00	0.00	0.00	270.28	103.54	0.00	0.00	0.00	0.00	0.00	4.75	14.74	
1240	.06	.7	1.0	1.6	.092	0.00	0.00	0.00	500.00	350.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	B
800517	.21	34.	1.1	.8	2904.	0.00	0.00	0.00	224.80	82.53	0.00	0.00	0.00	0.00	0.00	6.52	15.67	
2203	.05	.2	.6	2.0	.138	0.00	0.00	0.00	280.00	350.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	D
800523	.24	85.	3.9	1.4	9732.	0.00	0.00	0.00	169.51	114.03	0.00	0.00	0.00	0.00	0.00	5.04	13.11	
819	.06	3.5	1.8	3.9	.404	0.00	0.00	0.00	230.00	300.00	0.00	0.00	0.00	0.00	0.00	30.00	30.00	D
800530	.30	51.	6.0	2.1	9864.	.84	4.10	.05	273.00	149.96	135.39	.83	5.52	1.00	.59	6.23	13.07	
1036	.16	5.7	2.3	10.0	.328	1.40	6.80	.09	470.00	300.00	154.00	1.00	7.00	1.50	.80	40.00	40.00	D
800601	.45	117.	3.4	1.9	16254.	0.00	0.00	0.00	107.85	76.36	0.00	0.00	0.00	0.00	0.00	4.90	21.95	
752	.14	1.6	.9	10.0	.360	0.00	0.00	0.00	270.00	300.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	B
800615	.35	37.	9.0	5.1	10956.	.40	2.86	.03	0.00	0.00	172.49	.73	1.94	.53	.20	0.00	0.00	
135	.13	12.5	3.0	10.8	.312	.70	5.00	.04	0.00	0.00	296.00	1.20	2.80	1.50	.20	0.00	0.00	B
800615	.06	2.	3.5	1.5	2892.	.52	2.86	.02	0.00	0.00	195.07	.39	1.50	.89	.29	0.00	0.00	
2119	.04	.6	3.3	3.9	.481	.60	3.30	.02	0.00	0.00	340.00	.43	1.60	1.50	.30	0.00	0.00	B
800623	.84	169.	8.2	2.4	25962.	0.00	0.00	0.00	209.51	80.13	0.00	0.00	0.00	0.00	0.00	3.71	14.26	
642	.11	7.4	.3	10.0	.308	0.00	0.00	0.00	250.00	350.00	0.00	0.00	0.00	0.00	0.00	40.00	46.00	B

UPDATED DATA SUMMARY FOR THE MATTIS SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800628	.29	26.	4.5	2.8	10692.	0.00	0.00	0.00	288.58	105.60	0.00	0.00	0.00	0.00	0.00	3.24	13.30	
533	.13	4.7	1.9	10.0	.368	0.00	0.00	0.00	550.00	300.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	B
800726	.07	42.	12.9	.4	1518.	.42	5.52	.04	0.00	0.00	408.50	1.77	13.06	.57	3.53	0.00	0.00	
2055	.01	21.6	9.9	.6	.216	.60	8.10	.05	0.00	0.00	473.00	2.40	18.00	1.50	5.50	0.00	0.00	A
800727	.43	126.	10.2	2.3	18228.	.62	3.53	.01	0.00	0.00	109.17	.35	1.23	.55	.10	0.00	0.00	
1228	.08	.6	1.4	13.6	.423	.90	4.50	.02	0.00	0.00	188.00	1.10	3.10	1.50	.10	0.00	0.00	A
800810	.21	45.	8.8	1.0	5820.	0.00	0.00	0.00	249.85	263.88	0.00	0.00	0.00	0.00	0.00	9.68	20.83	
2006	.12	5.8	5.4	5.2	.414	0.00	0.00	0.00	420.00	313.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	A
800813	.07	50.	6.9	.5	2754.	0.00	0.00	0.00	86.10	151.27	0.00	0.00	0.00	0.00	0.00	12.38	28.15	
2200	.03	2.5	5.8	1.2	.392	0.00	0.00	0.00	140.00	200.00	0.00	0.00	0.00	0.00	0.00	40.00	35.00	A
800814	.14	74.	6.0	.4	54624.	0.00	0.00	0.00	20.15	110.00	0.00	0.00	0.00	0.00	0.00	6.12	15.66	
430	.03	.2	1.9	1.4	3.890	0.00	0.00	0.00	38.00	200.00	0.00	0.00	0.00	0.00	0.00	30.00	30.00	C
800816	.17	88.	1.3	.9	5484.	0.00	0.00	0.00	44.36	104.99	0.00	0.00	0.00	0.00	0.00	5.08	15.26	
716	.03	1.3	.2	1.9	.322	0.00	0.00	0.00	130.00	350.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	A
800817	.13	18.	.9	.9	3864.	.34	2.72	.06	0.00	0.00	99.50	.28	1.44	.71	.10	0.00	0.00	
920	.10	.8	.6	4.9	.296	.60	4.40	.07	0.00	0.00	138.00	.41	1.90	2.10	.10	0.00	0.00	A
800818	.31	63.	1.5	2.1	9720.	.41	2.25	.08	0.00	0.00	101.99	.26	.79	.50	.18	0.00	0.00	
703	.14	.9	.6	8.5	.313	.60	3.40	.09	0.00	0.00	111.00	.31	1.30	1.90	.20	0.00	0.00	C
800818	.28	105.	.8	1.1	9366.	0.00	0.00	0.00	126.94	110.78	0.00	0.00	0.00	0.00	0.00	4.30	18.64	
1430	.06	.3	.4	4.9	.334	0.00	0.00	0.00	210.00	250.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	A
800831	.15	138.	7.0	.4	2946.	0.00	0.00	0.00	1284.73	257.44	0.00	0.00	0.00	0.00	0.00	10.89	26.65	
1155	.04	2.0	4.6	1.8	.196	0.00	0.00	0.00	1640.00	524.00	0.00	0.00	0.00	0.00	0.00	40.00	62.00	A
800901	.23	49.	5.1	1.7	7452.	0.00	0.00	0.00	500.80	132.89	0.00	0.00	0.00	0.00	0.00	4.59	14.22	
350	.08	.6	2.4	4.9	.323	0.00	0.00	0.00	890.00	350.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	C
800905	.06	32.	3.2	.4	1530.	.47	5.02	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1248	.02	3.4	2.8	.9	.254	.70	9.00	.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	A
800907	.26	48.	4.3	1.2	6348.	.22	2.59	.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
908	.06	1.8	2.0	2.8	.243	.40	4.30	.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	A
800907	.08	11.	2.2	.8	2292.	0.00	0.00	0.00	211.47	144.80	0.00	0.00	0.00	0.00	0.00	4.40	19.34	
1707	.06	.3	1.8	3.0	.286	0.00	0.00	0.00	270.00	200.00	0.00	0.00	0.00	0.00	0.00	4.90	21.00	A
800912	.05	5.	5.6	.4	1092.	0.00	0.00	0.00	128.73	300.06	0.00	0.00	0.00	0.00	0.00	16.92	40.00	
1220	.04	4.7	4.9	.6	.218	0.00	0.00	0.00	240.00	350.00	0.00	0.00	0.00	0.00	0.00	30.00	40.00	C
800916	.50	120.	6.6	1.9	13914.	.37	2.18	.08	0.00	0.00	0.00	.28	1.06	.48	.35	0.00	0.00	
355	.07	2.7	.5	6.1	.277	.50	4.30	.15	0.00	0.00	0.00	.59	3.30	1.50	.40	0.00	0.00	A

UPDATED DATA SUMMARY FOR THE MATTIS SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4
800916	.72	142.	1.0	2.7	23298.	0.00	0.00	0.00	171.17	94.78	0.00	0.00	0.00	0.00	0.00	2.85	17.97	
1950	.11	.5	.1	10.0	.323	0.00	0.00	0.00	300.00	300.00	0.00	0.00	0.00	0.00	0.00	20.00	30.00	A
801001	.47	36.	9.9	2.1	9108.	.54	3.99	.03	248.29	179.65	0.00	.77	5.32	1.61	1.26	5.51	21.99	
1824	.14	14.6	2.3	4.9	.193	1.30	8.40	.06	430.00	350.00	104.00	1.40	8.70	1.70	1.40	40.00	40.00	A
801001	.10	52.	2.3	.6	3318.	.31	1.68	.02	66.58	133.73	133.85	.34	2.73	1.72	.72	6.26	21.53	
2032	.03	.1	1.8	1.5	.331	.40	1.90	.03	95.00	250.00	162.00	.41	3.20	2.30	.80	20.00	30.00	A
801024	.32	156.	7.3	.9	8904.	0.00	0.00	0.00	101.26	157.77	0.00	0.00	0.00	0.00	0.00	5.00	19.95	
1005	.06	6.6	2.6	3.5	.277	0.00	0.00	0.00	130.00	350.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	A
801027	.15	204.	4.8	.6	7662.	.41	2.79	.07	0.00	0.00	94.09	.45	2.43	.41	.59	0.00	0.00	
1106	.01	2.9	3.2	2.3	.509	.50	3.30	.09	0.00	0.00	145.00	.82	5.60	1.50	2.80	0.00	0.00	C
801123	.24	177.	13.7	.6	4338.	0.00	0.00	0.00	150.10	236.94	0.00	0.00	0.00	0.00	0.00	6.62	17.80	
406	.02	25.8	6.3	.6	.180	0.00	0.00	0.00	630.00	350.00	0.00	0.00	0.00	0.00	0.00	20.00	30.00	A
810304	.27	396.	10.2	.5	13050.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
207	.03	9.6	4.7	.8	.482													BX
810304	.24	198.	5.0	.7	11118.	.54	6.50	.03	340.00	232.00	280.00	.57	3.10	1.00	.30	30.00	29.00	
1826	.06	.4	2.5	2.0	.462													B
810329	.10	20.	13.6	.8	3186.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1019	.03	24.5	10.5	2.2	.318													AX
810403	.06	24.	12.1	.4	1668.	.92	6.90	.06	410.00	332.00	495.00	1.30	8.90	1.80	.70	35.00	37.00	
925	.03	5.0	10.6	.8	.277													B
810403	.07	14.	10.8	.7	2148.	1.81	15.10	.22	830.00	291.00	565.00	1.50	7.30	.50	0.00	15.00	23.00	
1834	.06	.4	9.2	1.8	.306													B
810404	.37	94.	9.3	2.1	14724.	1.81	15.10	.22	830.00	291.00	565.00	1.50	7.30	.50	0.00	15.00	23.00	
30	.15	.2	3.1	11.3	.397													B
810408	.08	7.	6.2	.9	1776.	0.00	0.00	0.00	500.00	229.00	0.00	0.00	0.00	0.00	0.00	16.00	27.00	
855	.07	4.3	4.8	2.2	.221													A
810409	.05	14.	5.3	.7	1992.	.28	1.90	.05	165.00	178.00	0.00	0.00	0.00	0.00	0.00	17.00	24.00	
11	.02	.6	4.8	1.5	.397													A
810410	.52	153.	5.1	2.1	24516.	.14	3.50	.05	256.00	79.00	78.00	.40	2.40	.80	.40	2.50	10.00	
346	.10	1.1	1.0	9.1	.470													A
810410	.68	106.	1.5	2.7	20604.	0.00	0.00	0.00	733.00	130.00	0.00	0.00	0.00	0.00	0.00	7.10	11.00	
1504	.27	.4	.2	10.4	.302													AX
810411	.20	161.	.8	.6	13764.	0.00	0.00	0.00	300.00	122.00	0.00	0.00	0.00	0.00	0.00	8.60	0.00	
619	.02	.6	.4	2.0	.686													A

UPDATED DATA SUMMARY FOR THE MATTIS SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810411	.21	148.	.6	1.0	10878.	0.00	0.00	0.00	300.00	122.00	0.00	0.00	0.00	0.00	0.00	8.60	0.00	
1351	.04	.2	.4	3.0	.516													A
810411	.27	66.	.6	1.9	12348.	0.00	0.00	0.00	300.00	122.00	0.00	0.00	0.00	0.00	0.00	8.60	0.00	
2140	.13	.2	.3	11.3	.456													A
810413	.21	60.	1.5	1.7	9396.	0.00	0.00	0.00	244.00	123.00	0.00	0.00	0.00	0.00	0.00	8.60	0.00	
1102	.10	1.1	.8	5.7	.446													A
810413	.25	71.	1.3	1.6	10806.	0.00	0.00	0.00	103.00	103.00	0.00	0.00	0.00	0.00	0.00	6.80	0.00	
2359	.03	.5	.6	3.3	.431													A
810419	.46	735.	5.0	.8	35484.	.05	1.50	.03	63.00	120.00	67.00	.22	1.50	1.00	.10	12.00	0.00	
410	.05	5.2	3.3	4.3	.769													A
810422	.19	51.	3.6	1.5	7482.	.11	1.70	.02	80.00	124.00	95.00	.34	2.80	8.20	.30	9.50	20.00	
410	.05	2.5	2.1	3.7	.393													AA
810422	.43	108.	2.2	2.5	17346.	.13	3.40	.02	295.00	113.00	91.00	.34	2.20	.90	0.00	4.70	10.00	
924	.14	.2	.4	11.3	.402													AX
810428	.47	160.	5.5	1.6	20148.	0.00	0.00	0.00	568.27	128.37	0.00	0.00	0.00	0.00	0.00	8.37	15.36	
1728	.20	6.1	1.3	21.6	.427	0.00	0.00	0.00	1010.00	255.00	0.00	0.00	0.00	0.00	0.00	15.00	36.00	A
810505	.19	40.	5.7	1.6	6234.	.24	2.30	.06	145.00	120.00	164.00	.62	3.50	.80	.20	6.40	18.00	
903	.05	4.5	3.3	4.7	.327													A
810509	.53	201.	3.9	1.3	19020.	.14	2.40	.05	134.00	106.00	77.00	.38	1.60	.60	0.00	45.00	18.00	
1356	.07	3.8	.8	6.1	.358													AA
810513	.32	252.	2.7	1.0	17046.	.18	1.50	.06	56.00	113.00	61.00	.17	1.40	.90	.20	5.80	17.00	
1727	.03	2.6	1.1	2.7	.531													A
810514	.18	154.	1.2	.8	9216.	.18	1.50	.06	56.00	113.00	61.00	.17	1.40	.90	.20	5.80	17.00	
111	.02	.2	.7	1.5	.510													A
810514	.38	272.	.9	1.0	19116.	.18	1.50	.06	56.00	113.00	61.00	.17	1.40	.90	.20	5.80	17.00	
759	.04	.2	.4	2.7	.502													A
810517	1.18	925.	3.0	1.0	52260.	0.00	0.00	0.00	57.00	106.00	0.00	0.00	0.00	0.00	0.00	9.50	15.00	
1719	.03	2.9	.1	3.7	.441													AX
810529	.15	39.	8.5	1.2	5226.	.77	6.60	.06	768.00	213.00	305.00	.90	6.80	1.20	.10	8.70	20.00	
2046	.06	11.5	5.3	5.6	.347													A
810608	.09	187.	9.6	.3	3640.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2142	.03	5.8	8.1	1.1	.403													BX
810612	.43	256.	9.7	.5	8448.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
842	.15	3.3	2.6	4.9	.195													B

UPDATED DATA SUMMARY FOR THE MATTIS SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)												
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810613	.11	13.	3.3	.7	1716.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
800	.03	.8	2.9	1.7	.156													BX
810613	.32	51.	3.2	2.4	11730.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1728	.06	.4	1.3	7.6	.365													BX
810615	.78	97.	3.1	6.8	53328.	.22	2.80	.02	230.00	74.00	80.00	.29	1.60	.30	0.00	3.50	0.00	
2045	.17	2.1	.3		.682													B
810621	.17	84.	4.8	.3	1880.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
431	.02	5.3	3.0	.6	.110													BX
810621	1.43	201.	3.5	43.7	527226.	0.00	0.00	0.00	462.00	112.00	0.00	0.00	0.00	0.00	0.00	3.60	12.00	
2211	.30	.7	0.0		3.676													BX
810624	.31	90.	2.2	.9	7164.	.25	2.90	.02	203.00	101.00	100.00	.35	2.60	1.00	.40	5.40	16.00	
601	.12	2.3	.8	7.2	.230													D
810704	1.72	878.	8.1	1.0	54486.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
653	.15	10.0	0.0	12.2	.316													BX
810715	.58	241.	6.9	.9	14748.	0.00	0.00	0.00	69.23	85.82	0.00	0.00	0.00	0.00	0.00	2.11	13.94	
506	.10	1.1	1.3	6.5	.254	0.00	0.00	0.00	128.00	152.00	0.00	0.00	0.00	0.00	0.00	7.40	19.00	BX
810718	.85	146.	4.3	2.1	24114.	.28	4.69	.03	203.50	94.15	58.69	.30	1.23	.64	0.00	1.60	11.59	
2338	.16	3.6	.3	10.7	.283	.40	7.70	.03	344.00	232.00	69.00	.38	1.90	.80	0.00	11.00	29.00	B
810719	.42	337.	.5	.4	8238.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
607	.04	.2	.2	1.4	.196	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	B
810719	.21	152.	.7	.3	2610.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2240	.04	.5	.4	.8	.124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	B
810726	1.17	55.	5.4	14.5	54906.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
33	.26	6.0	.1	27.2	.468	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BX
810726	.08	68.	.5	0.0	0.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
948	.02	.4	.4	0.0	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BX
810727	.91	378.	1.0	.8	21000.	0.00	0.00	0.00	69.74	69.81	0.00	0.00	0.00	0.00	0.00	2.21	10.90	
322	.11	.7	.1	5.4	.230	0.00	0.00	0.00	122.00	116.00	0.00	0.00	0.00	0.00	0.00	5.20	16.00	B
810727	.14	5.	.5	1.3	2952.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2018	.13	.4	.3	4.7	.210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BX
810728	.24	131.	.5	.6	5280.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
125	.05	.2	.2	1.6	.219	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BX
810802	.14	51.	5.1	.9	4296.	.30	2.75	.03	162.43	264.26	230.00	.72	4.90	.35	.10	18.09	39.64	
2035	.03	5.7	3.5	1.6	.306	.30	3.00	.03	235.00	349.00	245.00	.81	5.90	.50	.10	22.00	41.00	BY

UPDATED DATA SUMMARY FOR THE MATTIS SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810803	.03	0.	3.6	.1	60.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	.03	.1	3.2	.2	.020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BX
810805	1.64	338.	5.1	2.2	44910.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1238	.25	2.5	.1	15.8	.273	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BX
810809	1.06	27.	3.7	5.6	9036.	0.00	0.00	0.00	305.44	114.43	0.00	0.00	0.00	0.00	0.00	3.46	18.94	
1836	.58	4.0	0.0	11.2	.085	0.00	0.00	0.00	494.00	318.00	0.00	0.00	0.00	0.00	0.00	19.00	31.00	B
810814	.38	27.	4.3	2.6	9660.	.32	2.90	.02	178.00	118.00	111.00	.31	2.40	.20	.10	3.80	16.00	
1525	.12	4.8	1.3	9.7	.253													DX
810815	1.62	320.	1.6	2.7	57948.	.21	2.40	.01	216.00	80.00	75.00	.16	1.70	.40	0.00	1.80	21.00	
27	.16	.4	0.0	12.5	.357													BX
810826	.48	90.	8.4	2.7	19356.	.31	2.00	.02	182.00	120.00	110.00	.34	2.10	1.00	0.00	3.10	14.00	
1334	.13	11.1	1.9	10.6	.402													B
810829	.38	50.	2.0	3.0	15126.	.07	.83	0.00	92.00	0.00	57.00	.18	1.20	.30	.10	2.80	14.00	
2251	.10	1.8	.6	12.2	.397													B
810830	.06	50.	1.5	.3	1356.	.07	.83	0.00	92.00	0.00	57.00	.18	1.20	.30	.10	2.80	14.00	
2315	.02	1.0	1.3	.4	.225													B

UPDATED DATA SUMMARY FOR THE MICRO BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800316	.25	123.	6.7	.04	393.6	0.00	1.30	.01	0.00	0.00	47.50	.18	1.00	.70	.20	0.00	0.00	
1745	.10	3.8	3.2	.30	.3739	.30	2.10	.01	1160.00	266.00	65.00	.22	1.30	.70	.20	79.00	30.00	DX
800316	.55	240.	3.3	.05	744.0	0.00	.96	0.00	58.21	96.10	24.45	.08	.51	.15	.10	16.69	0.00	
2242	.10	.1	.7	.32	.3213	.10	1.50	.01	100.00	146.00	34.00	.11	.60	.20	.10	35.00	15.00	BX
800317	.32	193.	.7	.03	462.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
242	.04	0.0	.3	.12	.3429	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	DX
800512	.55	73.	11.9	.15	915.6	0.00	0.00	0.00	638.06	81.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
607	.26	12.9	5.6	1.11	.3954	0.00	0.00	0.00	2740.00	243.00	0.00	0.00	0.00	0.00	0.00	10.00	21.00	D
800512	.48	26.	6.0	.16	1068.6	0.00	0.00	0.00	145.05	40.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2242	.28	.6	1.2	1.25	.5287	0.00	0.00	0.00	580.00	154.00	0.00	0.00	0.00	0.00	0.00	8.70	21.00	D
800517	.51	172.	3.7	.08	1218.0	0.00	0.00	0.00	152.62	62.17	0.00	0.00	0.00	0.00	0.00	5.25	16.32	
1053	.19	.5	1.0	.90	.5672	0.00	0.00	0.00	520.00	130.00	0.00	0.00	0.00	0.00	0.00	13.00	22.00	D
800517	.23	72.	1.2	.09	711.0	0.00	0.00	0.00	23.39	44.12	0.00	0.00	0.00	0.00	0.00	1.89	13.41	
2203	.05	.2	.5	.40	.7342	0.00	0.00	0.00	46.00	89.00	0.00	0.00	0.00	0.00	0.00	7.10	17.00	D
800519	.00	1.	1.9	.08	414.6	0.00	0.00	0.00	41.93	36.46	0.00	0.00	0.00	0.00	0.00	1.04	0.00	
1427	.00	1.6	1.6	.60	.000	0.00	0.00	0.00	90.00	46.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	D
800519	.00	1.	1.7	.03	190.8	0.00	0.00	0.00	91.17	88.79	0.00	0.00	0.00	0.00	0.00	5.83	12.27	
1844	.00	.2	1.0	.37	.000	0.00	0.00	0.00	200.00	104.00	0.00	0.00	0.00	0.00	0.00	7.80	14.00	D
800523	.20	233.	3.4	.03	456.6	0.00	0.00	0.00	30.67	57.28	0.00	0.00	0.00	0.00	0.00	1.28	0.00	
514	.03	.1	1.6	.20	.5422	0.00	0.00	0.00	47.00	89.00	0.00	0.00	0.00	0.00	0.00	2.60	11.00	D
800523	.14	78.	0.0	.06	504.6	0.00	0.00	0.00	26.73	39.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
914	.05	0.0	0.0	.33	.8560	0.00	0.00	0.00	60.00	71.00	0.00	0.00	0.00	0.00	0.00	1.20	13.00	D
800530	.24	54.	5.7	.12	637.2	.22	.78	.02	0.00	0.00	69.87	.53	3.24	1.39	.54	0.00	0.00	
1036	.09	5.7	2.4	.56	.6306	.90	3.40	.07	0.00	0.00	78.00	.74	3.60	1.70	1.10	0.00	0.00	D
800601	.41	113.	3.3	.12	1019.4	0.00	0.00	0.00	62.67	55.05	0.00	0.00	0.00	0.00	0.00	3.30	12.15	
752	.13	.1	.9	.69	.5905	0.00	0.00	0.00	260.00	128.00	0.00	0.00	0.00	0.00	0.00	8.30	17.00	D
800601	.17	16.	1.1	.13	654.0	0.00	0.00	0.00	75.27	46.37	0.00	0.00	0.00	0.00	0.00	1.35	14.29	
1626	.07	.2	.9	.69	.9137	0.00	0.00	0.00	110.00	113.00	0.00	0.00	0.00	0.00	0.00	3.80	16.00	D
800615	.41	63.	8.8	.11	592.8	.19	.58	.01	0.00	0.00	36.86	.43	1.94	1.09	.53	0.00	0.00	
124	.16	12.2	2.9	.60	.3434	.40	4.30	.03	0.00	0.00	45.00	1.70	2.80	1.80	1.30	0.00	0.00	D
800615	.09	8.	3.5	.05	118.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2119	.03	0.0	3.3	.23	.3119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	B
800623	.98	229.	8.1	.08	1176.0	0.00	0.00	0.00	53.90	31.84	0.00	0.00	0.00	0.00	0.00	0.00	10.00	
622	.21	7.4	.4	.73	.2850	0.00	0.00	0.00	120.00	69.00	0.00	0.00	0.00	0.00	0.00	2.00	19.00	B

UPDATED DATA SUMMARY FOR THE MICRO BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)												
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800623	.04	64.	0.0	.02	112.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1022	.01	0.0	0.0	.18	.6698	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	D
800628	.26	28.	4.4	.09	369.6	.14	.67	.02	0.00	0.00	61.54	.33	.89	1.13	.15	0.00	0.00	
533	.11	4.7	3.2	.56	.3376	.20	1.80	.02	0.00	0.00	115.00	.47	1.30	1.40	.30	0.00	0.00	B
800727	.87	201.	9.8	.02	217.2	0.00	0.00	0.00	47.94	43.58	0.00	0.00	0.00	0.00	0.00	1.14	13.29	
1228	.12	.5	.7	.17	.0593	0.00	0.00	0.00	85.00	108.00	0.00	0.00	0.00	0.00	0.00	1.50	14.00	B
800907	.19	47.	4.4	.02	93.6	0.00	.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
908	.03	1.8	3.3	.07	.1170	.20	.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BX
800907	.07	10.	3.6	.02	58.2	0.00	0.00	0.00	77.04	59.96	0.00	0.00	0.00	0.00	0.00	1.38	10.63	
1707	.05	.3	2.5	.17	.1975	0.00	0.00	0.00	100.00	67.00	0.00	0.00	0.00	0.00	0.00	1.60	11.00	B
800912	.05	19.	5.8	.00	13.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1159	.04	4.1	5.6	.06	.0627	0.00	0.00	0.00	110.00	127.00	0.00	0.00	0.00	0.00	0.00	5.10	22.00	BX
800916	.71	231.	7.5	.05	729.0	0.00	0.00	0.00	38.16	48.17	0.00	0.00	0.00	0.00	0.00	1.03	0.00	
257	.07	2.6	.7	.21	.2439	0.00	0.00	0.00	95.00	59.00	0.00	0.00	0.00	0.00	0.00	1.70	0.00	B
800916	.81	212.	1.1	.10	1501.2	0.00	0.00	0.00	0.00	0.00	0.00	.11	1.10	.41	.26	0.00	0.00	
1950	.11	.5	.1	.44	.4402	0.00	0.00	0.00	0.00	0.00	0.00	.18	2.00	1.20	.60	0.00	0.00	B
801001	.43	38.	10.0	.18	813.6	.21	1.12	.03	123.35	73.35	65.25	.41	3.28	1.43	.87	2.22	0.00	
1824	.11	14.6	1.8	.44	.4494	.40	2.20	.04	360.00	123.00	73.00	.63	5.20	1.60	1.00	3.80	16.00	A
801001	.10	54.	0.0	.06	306.0	.10	.59	.02	91.84	73.16	63.43	.22	2.19	1.30	.69	2.23	0.00	
2032	.03	0.0	0.0	.15	.7268	.10	.75	.02	95.00	93.00	77.00	.26	2.40	1.80	.90	3.60	19.00	C
801017	.45	100.	9.7	.03	287.4	0.00	0.00	0.00	63.32	64.51	0.00	0.00	0.00	0.00	0.00	2.39	11.00	
506	.10	2.5	2.9	.26	.1517	0.00	0.00	0.00	95.00	82.00	0.00	0.00	0.00	0.00	0.00	2.70	11.00	D
810304	.26	402.	10.2	.02	485.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
207	.01	9.6	4.7	.04	.4434													B
810304	.22	197.	5.0	.07	1123.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1826	.02	.4	3.4	.21	1.2132													B
810329	.11	77.	13.6	.01	84.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1019	.04	24.5	10.5	.12	.1814													A
810403	.11	32.	12.1	.02	80.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
925	.05	5.0	10.6	.10	.1736													B
810403	.06	14.	10.8	.04	113.4	.16	2.80	.07	370.00	109.00	275.00	.80	5.50	.50	.30	2.50	13.00	
1834	.02	.4	9.2	.10	.4489													B
810404	.38	89.	9.3	.09	678.0	.16	2.80	.07	370.00	109.00	275.00	.80	5.50	.50	.30	2.50	13.00	
30	.17	.2	3.1	1.05	.4238													BX

UPDATED DATA SUMMARY FOR THE MICRO BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L) LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810408	.07	6.	6.2	.04	103.2	0.00	0.00	0.00	460.00	144.00	0.00	0.00	0.00	0.00	0.00	7.30	19.00	
855	.05	4.3	4.8	.19	.3501													BX
810409	.06	20.	5.3	.02	55.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	.02	.6	4.8	.06	.2185													B
810410	.30	60.	5.6	.08	443.4	.19	2.00	.04	135.00	61.00	67.00	.30	3.20	.60	.30	1.20	7.00	
346	.09	1.1	2.1	.42	.3510													B
810410	.20	51.	2.2	.06	340.2	.19	2.00	.04	135.00	61.00	67.00	.30	3.20	.60	.30	1.20	7.00	
528	.06	0.0	1.1	.28	.4040													D
810410	.77	119.	1.5	.22	1968.6	0.00	0.00	0.00	432.00	92.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1504	.28	.4	.2	4.04	.6072													BB
810411	.20	180.	.8	.03	337.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
619	.02	.6	.4	.08	.4011													B
810411	.20	154.	.6	.03	348.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1351	.03	.2	.4	.12	.4140													B
810411	.30	68.	.6	.07	498.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2140	.16	.2	.3	.75	.3947													B
810413	.21	59.	1.5	.06	340.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1102	.10	1.1	.8	.42	.3854													B
810413	.21	58.	1.3	.05	385.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2359	.04	.5	.6	.14	.4356													B
810419	.17	76.	5.0	.09	541.2	.13	.80	.02	73.00	101.00	192.00	1.40	7.60	.70	.90	6.50	0.00	
548	.05	5.2	3.3	.55	.7561													B
810419	.11	225.	3.4	.02	263.4	.13	.80	.02	73.00	101.00	192.00	1.40	7.60	.70	.90	6.50	0.00	
913	.02	.1	3.1	.05	.5687													B
810419	.08	97.	1.8	.01	65.4	.13	.80	.02	73.00	101.00	192.00	1.40	7.60	.70	.90	6.50	0.00	
1450	.02	.1	1.6	.04	.1942													B
810422	.17	58.	3.6	.04	193.2	.08	.80	.02	76.00	76.00	83.00	.45	3.20	1.40	.30	3.00	12.00	
410	.04	2.5	2.1	.12	.2699													B
810422	.35	107.	2.2	.07	579.6	.07	1.10	.01	98.00	43.00	54.00	.28	2.00	.20	0.00	1.00	0.00	
924	.11	.2	.6	.51	.3933													B
810428	.22	20.	5.5	.03	87.6	0.00	0.00	0.00	614.25	122.34	0.00	0.00	0.00	0.00	0.00	4.10	16.26	
1728	.18	6.1	2.6	.27	.0946	0.00	0.00	0.00	1650.00	225.00	0.00	0.00	0.00	0.00	0.00	8.30	19.00	B
810428	.28	67.	2.7	.02	131.4	0.00	0.00	0.00	153.61	66.17	0.00	0.00	0.00	0.00	0.00	1.46	0.00	
1928	.13	.1	1.3	.18	.1115	0.00	0.00	0.00	440.00	86.00	0.00	0.00	0.00	0.00	0.00	2.50	0.00	D

UPDATED DATA SUMMARY FOR THE MICRO BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L) LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810505	.17	62.	5.7	.03	187.2	.15	1.20	.06	101.00	68.00	101.00	.67	3.00	.60	.30	2.70	11.00	
903	.04	4.5	3.3	.21	.2615													BX
810509	.53	228.	3.9	.06	860.4	.21	2.50	.06	127.00	69.00	133.00	.51	4.70	.90	.40	3.00	17.00	
1356	.06	3.8	.8	.24	.3856													BX
810513	.31	197.	2.7	.04	568.2	.07	.40	.02	29.00	40.00	37.00	.18	1.30	.60	.20	0.00	8.00	
1840	.03	2.7	1.1	.19	.4353													D
810514	.20	159.	1.2	.02	264.0	.07	.40	.02	29.00	40.00	37.00	.18	1.30	.60	.20	0.00	8.00	
111	.02	.2	.7	.06	.3135													B
810514	.40	282.	.9	.05	877.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
759	.04	.2	.4	.21	.5212													B
810517	.30	364.	3.0	.00	58.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1719	.01	2.9	1.2	.02	.0461													B
810518	.87	468.	1.2	.06	1930.8	0.00	0.00	0.00	28.00	56.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	
41	.03	.1	1.0	.24	.5271													DX
810529	.15	45.	8.5	.03	152.4	.34	3.30	.06	554.00	124.00	173.00	.73	7.70	1.00	.60	3.90	18.00	
2046	.04	11.5	5.3	.16	.2413													BX
810608	.07	6.	9.8	.02	46.2	.21	1.90	.04	160.00	98.00	139.00	.67	5.80	1.40	.30	2.90	12.00	
2142	.05	5.8	9.5	.12	.1568													AX
810608	.07	42.	9.5	.03	157.8	.21	1.90	.04	160.00	98.00	139.00	.67	5.80	1.40	.30	2.90	12.00	
2356	.02	.1	8.1	.21	.5354													CX
810612	.28	112.	9.7	.04	370.2	.35	3.90	.03	312.00	98.00	0.00	.42	5.10	.80	.40	1.30	0.00	
842	.12	3.3	3.5	.81	.3140													AX
810612	.10	53.	3.5	.03	128.4	.11	1.10	.02	156.00	54.00	60.00	.29	1.80	.70	.10	1.90	0.00	
1207	.02	.1	2.6	.08	.3050													A
810613	.20	15.	3.3	.10	291.0	.11	1.10	.02	156.00	54.00	60.00	.29	1.80	.70	.10	1.90	0.00	
800	.07	.8	2.9	.38	.3456													A
810613	.28	54.	3.2	.09	530.4	.11	1.10	.02	156.00	54.00	60.00	.29	1.80	.70	.10	1.90	0.00	
1728	.06	.4	1.3	.34	.4499													A
810615	.79	92.	3.1	.16	1257.6	.07	.80	.02	96.00	45.00	32.00	.20	1.10	.30	.20	1.50	0.00	
2045	.12	2.1	.3	.81	.3781													A
810621	.15	76.	4.8	.01	82.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
431	.02	5.3	3.0	.05	.1302													AX
810621	1.57	71.	3.5	.06	926.4	0.00	0.00	0.00	528.00	59.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2211	.34	.7	0.0	.61	.1401													AA

UPDATED DATA SUMMARY FOR THE MICRO BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810624	.26	72.	2.2	.07	471.0	.20	2.10	.02	142.00	54.00	82.00	.38	2.20	.90	.40	1.30	11.00	
601	.07	2.3	.8	.51	.4302													A
810704	.24	256.	8.1	.01	122.4	.13	1.60	.04	110.00	48.00	93.00	.22	1.80	.40	.20	0.00	0.00	
653	.03	10.0	3.4	.10	.1211													AA
810704	1.47	401.	3.5	.11	2969.4	.13	1.60	.04	110.00	48.00	93.00	.22	1.80	.40	.20	0.00	0.00	
1451	.20	.2	0.0	.87	.4798													AA
810713	.03	39.	0.0	.00	2.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2122	.01	0.0	0.0	.01	.0190													A
810715	.12	65.	6.9	.01	52.8	0.00	0.00	0.00	306.71	120.43	0.00	0.00	0.00	0.00	0.00	3.63	14.36	
506	.06	1.1	4.7	.10	.1045	0.00	0.00	0.00	996.00	179.00	0.00	0.00	0.00	0.00	0.00	6.80	19.00	A
810715	.38	149.	4.7	.02	187.2	0.00	0.00	0.00	318.83	65.02	0.00	0.00	0.00	0.00	0.00	1.18	15.60	
658	.10	.1	3.7	.13	.1170	0.00	0.00	0.00	492.00	104.00	0.00	0.00	0.00	0.00	0.00	1.30	17.00	C
810719	.80	90.	4.2	.04	291.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
106	.14	.1	.3	.16	.0864	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C
810719	.24	121.	.5	.02	205.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
607	.02	.2	.2	.04	.2031	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	A
810719	.15	171.	0.0	.01	127.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
952	.03	0.0	0.0	.07	.2014	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C
810719	.20	117.	.7	.02	198.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2240	.04	.5	.4	.07	.2358	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	A
810726	1.19	55.	5.4	.06	425.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
33	.28	6.0	.1	.30	.0849	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AA
810726	.08	68.	.5	.00	24.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
948	.02	.4	.4	.01	.0730	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AA
810727	.26	51.	1.0	.03	120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
322	.12	.7	.5	.16	.1096	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	A
810727	.64	209.	.5	.03	362.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
606	.07	.1	.1	.12	.1345	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C
810727	.18	8.	.5	.07	208.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2018	.15	.4	.3	.61	.2747	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	A
810728	.20	108.	.5	.01	117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
125	.02	.2	.2	.04	.1389	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	A
810802	.14	54.	5.1	.00	24.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2035	.02	5.7	3.5	.02	.0407	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AA

UPDATED DATA SUMMARY FOR THE MICRO BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810805	1.65	227.	5.1	.05	778.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1238	.27	2.5	.7	.25	.1121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	A
810805	.08	72.	.1	.00	42.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1638	.02	0.0	.1	.03	.1265	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C
810809	.19	83.	3.7	.07	1001.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1836	.58	4.0	0.0	.27	1.2518	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AA
810809	.00	1.	0.0	.04	189.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2236	.00	0.0	0.0	.05	.000													C
810814	.29	29.	4.3	.11	435.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1525	.09	4.8	1.3	.46	.3567													A
810815	1.57	325.	1.6	.11	2341.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	.17	.4	0.0	.81	.3543													AA
810826	.53	95.	8.4	.14	1050.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1334	.13	11.1	1.9	.55	.4708													A
810829	.43	48.	2.0	.14	728.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2251	.12	1.8	.6	.70	.4023													AA
810830	.07	68.	1.5	.01	58.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2315	.01	1.0	1.3	.02	.1975													AA

UPDATED DATA SUMMARY FOR THE JOHN SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800316	.26	106.	6.8	.8	7752.	.41	4.76	.02	440.51	139.06	64.44	.43	1.53	1.08	.20	18.81	18.61	
1745	.11	3.8	3.3	4.3	.210	.70	8.10	.03	910.00	323.00	78.00	.57	1.90	2.00	.20	65.00	44.00	D
800316	.50	97.	3.4	2.0	18066.	.10	1.33	.01	169.47	74.49	36.64	.21	.98	.72	.25	7.71	16.19	
2333	.10	.1	.7	5.2	.255	.10	1.80	.01	630.00	300.00	53.00	1.00	1.30	2.00	.30	37.00	40.00	B
800403	.03	21.	3.5	.3	1026.	0.00	0.00	0.00	13.31	370.34	0.00	0.00	0.00	0.00	0.00	38.71	61.11	
956	.01	3.7	3.4	1.2	.241	0.00	0.00	0.00	22.00	413.00	0.00	0.00	0.00	0.00	0.00	41.00	64.00	D
800403	.01	1.	3.5	.4	1182.	0.00	0.00	0.00	13.89	235.19	0.00	0.00	0.00	0.00	0.00	27.48	39.70	
1205	.01	.1	3.5	.7	.833	0.00	0.00	0.00	15.00	290.00	0.00	0.00	0.00	0.00	0.00	31.00	46.00	B
800403	.12	41.	3.8	1.0	4392.	.17	1.43	.01	134.19	138.14	57.14	.31	1.71	1.20	.20	12.47	18.98	
1417	.05	.1	1.8	1.9	.258	.20	2.50	.01	250.00	335.00	75.00	.50	2.20	2.80	.20	38.00	52.00	B
800615	.07	7.	3.4	.7	1152.	0.00	0.00	0.00	115.18	149.99	0.00	0.00	0.00	0.00	0.00	12.35	19.58	
2119	.03	.7	3.2	1.4	.116	0.00	0.00	0.00	230.00	250.00	0.00	0.00	0.00	0.00	0.00	20.00	40.00	B
800623	.74	117.	8.1	2.9	21534.	.18	2.30	.02	0.00	0.00	71.80	.52	1.81	.87	.43	0.00	0.00	
806	.11	7.4	.3	11.5	.205	.30	4.32	.02	0.00	0.00	147.00	.85	3.60	2.80	.70	0.00	0.00	B
800628	.26	29.	4.4	1.6	4920.	.15	2.17	.02	0.00	0.00	87.57	.55	1.57	1.12	.10	0.00	0.00	
533	.06	4.7	3.1	4.1	.133	.20	3.10	.04	0.00	0.00	150.00	.96	2.50	2.20	.10	0.00	0.00	B
800726	.15	94.	12.9	.2	978.	0.00	0.00	0.00	119.31	261.80	0.00	0.00	0.00	0.00	0.00	25.22	40.10	
2100	.02	21.5	9.8	.2	.047	0.00	0.00	0.00	230.00	309.00	0.00	0.00	0.00	0.00	0.00	32.00	43.00	B
800727	.61	96.	9.7	1.8	10446.	0.00	0.00	0.00	169.24	104.70	0.00	0.00	0.00	0.00	0.00	2.40	17.97	
1308	.08	.5	.7	6.5	.121	0.00	0.00	0.00	410.00	300.00	0.00	0.00	0.00	0.00	0.00	20.00	40.00	B
800810	.21	70.	8.6	1.0	4590.	0.00	0.00	0.00	198.17	129.50	0.00	0.00	0.00	0.00	0.00	5.77	16.80	
2006	.12	5.8	7.4	3.6	.129	0.00	0.00	0.00	290.00	300.00	0.00	0.00	0.00	0.00	0.00	20.00	40.00	B
800813	.02	12.	8.0	.4	1038.	0.00	0.00	0.00	14.14	145.29	0.00	0.00	0.00	0.00	0.00	12.97	26.14	
2251	.02	2.5	6.4	.5	.366	0.00	0.00	0.00	29.00	173.00	0.00	0.00	0.00	0.00	0.00	22.00	33.00	B
800816	.16	88.	1.2	.9	4986.	0.00	0.00	0.00	27.29	82.63	0.00	0.00	0.00	0.00	0.00	4.84	16.84	
734	.03	1.2	.1	2.0	.220	0.00	0.00	0.00	71.00	264.00	0.00	0.00	0.00	0.00	0.00	22.00	30.00	B
800818	.26	43.	1.6	1.9	7230.	.10	.99	.06	0.00	0.00	0.00	.21	.23	.49	.13	0.00	0.00	
720	.09	.9	.5	5.7	.196	.10	1.40	1.00	0.00	0.00	63.00	.50	.50	2.00	.20	0.00	0.00	B
800818	.30	58.	.7	1.7	11172.	0.00	0.00	0.00	55.22	65.08	0.00	0.00	0.00	0.00	0.00	1.71	20.00	
1503	.04	.2	.3	4.4	.262	0.00	0.00	0.00	120.00	280.00	0.00	0.00	0.00	0.00	0.00	24.00	30.00	B
800831	.06	7.	7.4	.4	864.	0.00	1.72	.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1305	.03	1.9	5.4	.7	.101	.10	2.20	.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	D
800901	.23	75.	5.7	.7	4284.	.19	2.57	.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
315	.05	.6	3.1	2.2	.131	.20	3.90	.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	D

UPDATED DATA SUMMARY FOR THE JOHN SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800905	0.00	281.	3.2	.4	522.	.08	.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1330	.01	3.3	2.9	.5	00	.10	.90	.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	D
800907	.20	52.	4.3	.7	3990.	.09	.57	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
908	.03	1.8	3.2	1.6	.141	.10	1.10	.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	B
800907	.08	18.	3.5	.5	1620.	0.00	0.00	0.00	46.39	143.63	0.00	0.00	0.00	0.00	0.00	8.48	22.41	
1707	.04	.3	2.5	1.1	.143	0.00	0.00	0.00	70.00	200.00	0.00	0.00	0.00	0.00	0.00	20.00	40.00	B
800912	0.00	1045.	5.8	.4	558.	0.00	0.00	0.00	22.59	250.54	0.00	0.00	0.00	0.00	0.00	12.00	35.18	
1248	.02	4.1	5.5	.6	00	0.00	0.00	0.00	26.00	253.00	0.00	0.00	0.00	0.00	0.00	12.00	36.00	B
800916	.49	116.	7.4	1.5	11634.	.09	.81	.12	0.00	0.00	20.92	.36	1.20	.73	.10	0.00	0.00	
400	.04	2.6	.7	4.3	.167	.20	3.60	.14	0.00	0.00	26.00	1.50	3.80	2.00	.10	0.00	0.00	B
800916	.56	88.	1.1	2.3	11958.	.15	1.33	.09	0.00	0.00	43.48	.36	2.25	.74	.34	0.00	0.00	
1950	.06	.5	0.1	5.9	.150	.20	2.30	.11	0.00	0.00	89.00	.71	3.60	2.00	.50	0.00	0.00	B
801001	.47	38.	10.0	3.1	11802.	.23	2.50	.03	236.40	117.43	100.39	.70	5.82	1.73	1.62	3.39	12.38	
1824	.06	14.6	1.8	6.3	.177	.40	4.10	.03	760.00	300.00	108.00	.93	7.60	2.00	1.70	20.00	40.00	A
801014	.08	39.	9.9	.2	702.	.09	.51	.06	0.00	0.00	0.00	1.48	2.71	1.93	.30	0.00	0.00	
1705	.02	12.8	8.3	.2	.062	.10	.60	.10	0.00	0.00	0.00	2.10	3.40	2.60	.70	0.00	0.00	B
801024	.23	83.	7.2	.8	4308.	0.00	.48	.07	0.00	0.00	116.23	.74	2.49	.95	.42	0.00	0.00	
1043	.02	6.5	2.4	1.4	.132	.05	.70	.08	0.00	0.00	142.00	1.00	3.30	2.00	.50	0.00	0.00	B
801027	.13	166.	4.7	.3	2622.	0.00	0.00	0.00	20.30	214.82	0.00	0.00	0.00	0.00	0.00	12.23	31.21	
1116	.02	2.8	3.2	.4	.142	0.00	0.00	0.00	32.00	308.00	0.00	0.00	0.00	0.00	0.00	20.00	54.00	B
801123	.16	166.	13.6	.3	2604.	0.00	0.00	0.00	47.05	267.10	0.00	0.00	0.00	0.00	0.00	17.34	34.67	
430	.01	25.9	6.7	.4	.142	0.00	0.00	0.00	65.00	300.00	0.00	0.00	0.00	0.00	0.00	20.00	40.00	D
810304	.25	391.	13.6	.3	7650.	.11	.30	.02	12.00	170.00	34.00	.29	.60	1.20	.20	19.00	25.00	
207	.02	9.6	6.6	.4	.215													B
810304	.23	199.	6.8	.4	7512.	.09	.70	.01	49.00	148.00	43.00	.43	1.60	1.00	.10	14.00	19.00	
1826	.07	.4	3.6	1.4	.229													B
810329	.12	49.	13.8	.6	3642.	.55	6.60	.07	540.00	175.00	380.00	1.70	13.00	1.40	1.40	14.00	27.00	
1019	.04	24.5	10.5	2.1	.213													AA
810403	.12	27.	12.1	.9	3480.	.71	7.90	.06	380.00	159.00	370.00	1.70	12.00	1.40	1.10	11.00	23.00	
925	.05	4.9	8.4	2.1	.204													B
810403	.07	14.	8.6	.5	1452.	.58	10.10	.18	670.00	111.00	460.00	1.40	9.80	.60	.30	3.80	15.00	
1834	.02	.4	7.6	1.1	.146													BB
810404	.42	86.	7.8	1.4	9546.	.58	10.10	.18	670.00	111.00	460.00	1.40	9.80	.60	.30	3.80	15.00	
30	.19	.2	2.4	5.9	.160													BB

UPDATED DATA SUMMARY FOR THE JOHN SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810408	.09	11.	5.7	.9	2022.	0.00	0.00	0.00	470.00	155.00	0.00	0.00	0.00	0.00	0.00	10.00	20.00	
855	.06	4.3	4.7	2.1	.158													BX
810409	.06	29.	5.1	.3	990.	0.00	0.00	0.00	504.00	191.00	0.00	0.00	0.00	0.00	0.00	18.00	34.00	
11	.03	.6	4.7	.7	.116													B
810410	.54	175.	5.4	1.4	16890.	.30	3.80	.07	292.00	96.00	94.00	.36	2.10	.70	.30	6.00	10.00	
346	.09	1.1	1.2	6.3	.220													BB
810410	.77	99.	.4	3.4	26850.	0.00	0.00	0.00	892.00	123.00	0.00	0.00	0.00	0.00	0.00	3.50	12.00	
1504	.27	.3	1.6	11.5	.245													BX
810411	.24	183.	.7	.6	7008.	0.00	0.00	0.00	236.00	127.00	0.00	0.00	0,00	0.00	0.00	9.20	12.00	
619	.02	.6	.4	1.3	.205													B
810411	.18	274.	.5	.5	8190.	0.00	0.00	0.00	236.00	127.00	0.00	0.00	0.00	0.00	0.00	9.20	12.00	
1147	.03	.1	.3	1.6	.320													BX
810411	.20	151.	.6	.6	6822.	0.00	0.00	0.00	236.00	127.00	0.00	0.00	0.00	0.00	0.00	9.20	12.00	
1351	.04	.2	.4	1.6	.340													B
810411	.32	67.	.6	1.4	9354.	0.00	0.00	0.00	236.00	127.00	0.00	0.00	0.00	0.00	0.00	9.20	12.00	
2140	.16	.2	.2	6.5	.205													B
810413	.22	57.	1.5	1.1	6090.	0.00	0.00	0.00	129.00	115.00	0.00	0.00	0.00	0.00	0.00	7.50	0.00	
1102	.10	1.1	.8	3.8	.194													BB
810413	.23	57.	1.3	1.0	7050.	0.00	0.00	0.00	56.00	107.00	0.00	0.00	0.00	0.00	0.00	7.40	0.00	
2359	.04	.5	.7	2.1	.215													B
810422	.18	52.	4.0	.8	4002.	.05	1.60	.02	83.00	121.00	158.00	.76	4.90	2.00	.50	7.90	22.00	
410	.04	2.5	2.5	2.1	.156													BB
810422	.40	83.	2.7	1.4	9744.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
924	.12	.2	.9	5.3	.171													BB
810428	.56	161.	5.6	1.1	12486.	0.00	0.00	0.00	473.07	117.90	0.00	0.00	0.00	0.00	0.00	4.71	15.45	
1728	.20	6.1	1.2	5.9	.157	0.00	0.00	0.00	810.00	227.00	0.00	0.00	0.00	0.00	0.00	19.00	28.00	B
810505	.20	43.	5.7	.9	4590.	.12	1.70	.06	121.00	80.00	108.00	.77	4.00	1.10	.40	6.40	17.00	
903	.05	4.5	3.5	3.1	.161													BB
810509	.61	203.	4.0	1.4	19812.	.14	2.20	.05	82.00	63.00	65.00	.40	2.10	.70	.70	3.00	17.00	
1356	.07	3.8	.7	4.7	.228													BB
810513	.32	272.	2.7	.4	6858.	.05	.30	.03	24.00	153.00	26.00	.34	1.30	1.50	.20	7.30	25.00	
1727	.03	2.6	1.1	1.4	.151													B
810514	.21	158.	1.2	.3	3762.	.05	.30	.03	24.00	153.00	26.00	.34	1.30	1.50	.20	7.30	25.00	
111	.02	.1	.7	.7	.126													B

UPDATED DATA SUMMARY FOR THE JOHN SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810514	.43	271.	.8	.6	10764.	.05	.30	.03	24.00	153.00	26.00	.34	1.30	1.50	.20	7.30	25.00	
759	.03	.2	.2	1.7	.176													B
810517	1.25	906.	2.8	.6	35034.	0.00	0.00	0.00	24.00	219.00	0.00	0.00	0.00	0.00	0.00	15.00	29.00	
1719	.03	2.9	.1	4.3	.197													B
810529	.16	41.	8.5	.9	4398.	.13	3.20	.06	266.00	176.00	199.00	1.50	1.10	.40	1.00	9.30	22.00	
2046	.09	11.5	5.2	2.4	.193													B
810608	.13	160.	9.8	.4	3444.	.24	2.80	.03	192.00	177.00	132.00	1.10	5.20	1.50	.40	11.00	22.00	
2142	.05	5.7	7.7	.8	.186													A
810612	.33	105.	9.4	1.0	7542.	.47	6.00	.04	223.00	109.00	214.00	1.00	8.30	1.10	.70	5.40	11.00	
842	.13	3.3	4.0	5.5	.161													A
810612	.12	52.	4.3	.6	2628.	.10	1.80	.02	112.00	63.00	68.00	.47	2.20	.60	.20	3.30	0.00	
1207	.02	.1	3.0	1.2	.154													A
810613	.29	14.	3.7	2.2	6102.	.10	1.80	.02	112.00	63.00	68.00	.47	2.20	.60	.20	3.30	0.00	
800	.09	.8	2.5	5.7	.148													A
810613	.31	67.	2.9	1.2	7122.	.10	1.80	.02	112.00	63.00	68.00	.47	2.20	.60	.20	3.30	0.00	
1728	.06	.4	1.2	3.6	.161													A
810615	.91	91.	3.1	3.2	24978.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2045	.18	2.1	.2	7.7	.193													AA
810621	.17	82.	4.8	.5	3090.	0.00	0.00	0.00	188.00	177.00	0.00	0.00	0.00	0.00	0.00	9.10	25.00	
431	.02	5.3	3.1	.9	.128													A
810621	1.63	80.	3.7	3.8	55416.	0.00	0.00	0.00	612.00	81.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2211	.34	.7	0.0	11.5	.239													AX
810624	.34	85.	2.2	1.2	7998.	.18	2.60	.02	202.00	113.00	80.00	.52	3.70	1.30	.40	2.70	14.00	
601	.12	2.3	.8	5.0	.165													A
810624	.12	75.	1.3	.4	2844.	0.00	0.00	0.00	58.00	157.00	0.00	0.00	0.00	0.00	0.00	9.90	23.00	
1943	.04	.5	1.0	.7	.167													A
810704	.24	245.	7.9	.3	4566.	.52	7.10	.05	384.00	133.00	200.00	1.60	4.80	1.40	.20	3.20	13.00	
653	.03	9.4	4.0	.7	.134													AX
810704	1.47	403.	4.1	1.7	44952.	.52	7.10	.05	384.00	133.00	200.00	1.60	4.80	1.40	.20	3.20	13.00	
1451	.14	.2	0.0	6.1	.215													AX
810713	.11	8.	6.7	.7	2844.	0.00	0.00	0.00	260.00	157.00	0.00	0.00	0.00	0.00	0.00	6.20	21.00	
2122	.04	4.0	6.3	2.4	.182													A
810715	.52	228.	7.1	1.1	18228.	0.00	0.00	0.00	301.54	145.79	0.00	0.00	0.00	0.00	0.00	4.21	19.96	
506	.09	1.3	2.1	4.9	.246	0.00	0.00	0.00	352.00	299.00	0.00	0.00	0.00	0.00	0.00	16.00	40.00	AA

UPDATED DATA SUMMARY FOR THE JOHN SOUTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810718	.83	149.	5.0	2.1	26430.	.22	2.54	.02	0.00	0.00	46.81	.73	1.60	1.03	.25	0.00	0.00	
2338	.14	3.6	.4	11.5	.224	.40	5.40	.03	0.00	0.00	116.00	1.30	3.20	2.30	.30	0.00	0.00	AA
810719	.42	340.	.5	1.0	25140.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
607	.03	.2	.3	2.7	.421	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AA
810719	.21	107.	.7	1.5	16710.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2240	.04	.4	.4	3.3	.559	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AA
810726	1.18	54.	5.4	5.6	39198.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
33	.27	6.0	.1	11.5	.233	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AX
810726	.08	66.	.5	.3	1332.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
948	.02	.4	.4	.6	.117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AX
810727	.92	391.	1.1	1.3	31314.	.17	3.37	.02	88.34	143.40	58.35	.36	1.58	1.11	.17	6.89	20.04	
322	.12	.7	.1	6.1	.239	.20	5.60	.03	186.00	342.00	95.00	.52	2.70	3.60	.20	24.00	40.00	AA
810727	.17	5.	.5	2.2	6210.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2018	.17	.4	.3	7.9	.257	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AA
810728	.21	135.	.5	.9	9126.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
125	.03	.2	.3	3.8	.305	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AA
810802	.16	61.	5.1	.1	366.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2035	.03	5.7	3.4	.1	.016	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AX
810805	1.68	332.	5.4	1.4	30132.	.22	4.14	.02	162.88	71.41	85.39	.54	2.02	.50	.12	2.04	12.05	
1238	.27	2.6	.1	5.3	.126	.40	9.90	.04	555.00	188.00	205.00	1.00	5.90	.90	.20	12.00	30.00	AA
810809	2.64	286.	3.7	5.6	105390.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1836	.60	4.0	0.0	11.5	.280	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	AX
810814	.29	30.	4.3	2.2	8352.	.11	2.70	.02	239.00	54.00	83.00	.35	2.30	.70	.10	2.60	13.00	
1525	.09	4.8	1.8	7.2	.202													AA
810815	1.59	328.	2.1	3.2	68232.	.75	9.60	.06	429.00	86.00	123.00	1.10	3.70	.40	.30	1.30	19.00	
27	.18	.4	0.0	11.5	.302													AX
810826	.67	91.	8.4	1.3	9570.	.17	1.80	.02	178.00	68.00	91.00	.42	2.40	.90	.10	1.80	14.00	
1334	.03	11.3	1.3	4.9	.100													AA
810829	.41	41.	2.0	1.3	6516.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2251	.12	1.8	.6	3.6	.112													AX
810830	.08	48.	1.5	.2	942.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2315	.03	1.0	1.3	.4	.083													AX

UPDATED DATA SUMMARY FOR THE JOHN NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800316	0.56	240.	3.3	1.3	18246.	.18	1.75	.02	149.20	88.21	60.46	.27	1.40	.74	.24	8.51	17.37	
2242	.11	.1	.7	6.7	.165	.30	2.80	.05	360.00	300.00	78.00	.33	2.00	3.00	.80	40.00	50.00	B
800328	0.07	60.	4.2	.3	1212.	0.00	0.00	0.00	29.33	260.63	0.00	0.00	0.00	0.00	0.00	26.63	47.16	
1150	.04	4.0	3.7	.4	.088	0.00	0.00	0.00	43.00	300.00	0.00	0.00	0.00	0.00	0.00	40.00	56.00	D
800330	0.87	139.	3.2	2.6	37398.	0.00	0.00	0.00	157.64	76.20	0.00	0.00	0.00	0.00	0.00	3.92	21.14	
853	.08	1.6	.1	7.5	.218	0.00	0.00	0.00	250.00	217.00	0.00	0.00	0.00	0.00	0.00	40.00	50.00	D
800403	0.01	1.	3.5	.3	1002.	0.00	0.00	0.00	23.05	238.80	0.00	0.00	0.00	0.00	0.00	24.31	40.94	
1205	.01	.1	3.5	.4	.508	0.00	0.00	0.00	40.00	250.00	0.00	0.00	0.00	0.00	0.00	40.00	50.00	B
800403	0.07	11.	3.6	.9	3642.	.20	1.57	.03	157.22	146.95	43.66	.42	1.76	1.43	.30	9.80	18.32	
1417	.05	.1	2.7	1.8	.264	.40	2.20	.03	320.00	200.00	48.00	.90	2.00	1.60	.30	30.00	30.00	B
800408	0.49	81.	5.3	2.4	20994.	0.00	0.00	0.00	237.45	90.75	0.00	0.00	0.00	0.00	0.00	5.09	14.59	
842	.12	.3	1.0	9.7	.217	0.00	0.00	0.00	500.00	300.00	0.00	0.00	0.00	0.00	0.00	40.00	50.00	D
800512	0.57	42.	11.9	3.8	23292.	.43	6.49	.06	651.31	132.36	307.49	1.58	10.32	1.21	1.14	7.46	14.14	
607	.26	12.9	5.6	12.4	.207	1.40	11.00	.14	1130.00	347.00	638.00	6.20	18.00	3.40	2.50	23.00	48.00	D
800512	0.50	27.	6.0	3.7	23694.	.40	4.03	.06	334.61	64.17	184.11	.85	5.22	.58	.52	5.17	15.67	
2242	.28	.6	1.2	11.5	.240	.90	6.10	.07	590.00	300.00	272.00	1.20	7.80	.90	.70	19.00	34.00	D
800516	0.04	19.	3.5	.3	924.	0.00	0.00	0.00	29.79	300.31	0.00	0.00	0.00	0.00	0.00	26.17	40.64	
1429	.03	.1	3.4	.4	.117	0.00	0.00	0.00	36.00	318.00	0.00	0.00	0.00	0.00	0.00	30.00	44.00	D
800517	0.41	190.	3.7	1.4	13974.	.22	3.18	.04	225.96	120.42	87.74	.50	2.63	.60	.10	5.30	14.13	
1053	.09	.5	1.0	8.2	.173	.40	5.00	.06	430.00	300.00	228.00	.73	4.50	3.00	.10	40.00	50.00	D
800517	0.23	69.	1.2	2.0	8262.	0.00	0.00	0.00	88.42	69.49	0.00	0.00	0.00	0.00	0.00	5.35	13.92	
2203	.05	.2	.5	4.5	.182	0.00	0.00	0.00	180.00	100.00	0.00	0.00	0.00	0.00	0.00	40.00	17.00	D
800530	0.32	54.	5.7	1.6	8952.	.22	1.28	.05	188.14	172.22	188.83	1.48	4.83	1.58	1.04	11.14	23.28	
1036	.15	5.7	2.4	4.9	.142	.40	2.10	.07	250.00	300.00	241.00	2.10	6.30	3.00	1.30	40.00	26.00	D
800601	0.44	115.	3.3	2.8	8136.	0.00	0.00	0.00	268.36	126.96	0.00	0.00	0.00	0.00	0.00	7.37	13.88	
752	.13	.1	.9	7.7	.094	0.00	0.00	0.00	400.00	213.00	0.00	0.00	0.00	0.00	0.00	23.00	31.00	D
800615	0.39	64.	8.8	2.7	13734.	0.00	0.00	0.00	195.37	122.50	0.00	0.00	0.00	0.00	0.00	7.80	19.59	
124	.15	12.2	2.9	10.1	.178	0.00	0.00	0.00	340.00	300.00	0.00	0.00	0.00	0.00	0.00	40.00	50.00	D
800615	0.08	8.	3.5	.9	1836.	0.00	0.00	0.00	121.05	114.94	0.00	0.00	0.00	0.00	0.00	8.07	18.86	
2119	.07	.0	3.3	1.8	.116	0.00	0.00	0.00	190.00	200.00	0.00	0.00	0.00	0.00	0.00	40.00	50.00	B
800623	0.91	240.	8.1	2.0	27360.	.15	1.72	.06	0.00	0.00	73.35	.54	2.11	.77	.48	0.00	0.00	
622	.20	7.4	.4	11.5	.156	.20	2.78	.11	0.00	0.00	167.00	.98	4.80	2.60	1.20	0.00	0.00	B
800628	0.25	29.	4.4	2.0	7680.	.16	2.34	.10	0.00	0.00	144.05	1.16	2.70	.59	.37	0.00	0.00	
533	.11	4.7	3.2	6.8	.156	.50	3.50	.18	0.00	0.00	240.00	1.90	4.00	1.00	.60	0.00	0.00	B

UPDATED DATA SUMMARY FOR THE JOHN NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
800726	0.15	94.	13.0	.5	2472.	0.00	0.00	0.00	111.17	215.55	0.00	0.00	0.00	0.00	0.00	9.25	32.50	
2102	.02	21.5	10.0	.7	.083	0.00	0.00	0.00	150.00	296.00	0.00	0.00	0.00	0.00	0.00	10.00	40.00	A
800727	0.61	97.	9.8	3.8	22842.	0.00	0.00	0.00	415.30	87.98	0.00	0.00	0.00	0.00	0.00	1.48	20.47	
1308	.14	.5	.7	12.7	.190	0.00	0.00	0.00	970.00	221.00	0.00	0.00	0.00	0.00	0.00	5.00	31.00	A
800810	0.21	55.	8.7	1.4	7950.	0.00	0.00	0.00	407.13	157.60	0.00	0.00	0.00	0.00	0.00	7.90	18.23	
2006	.12	5.8	7.6	7.0	.268	0.00	0.00	0.00	570.00	300.00	0.00	0.00	0.00	0.00	0.00	15.00	20.00	A
800813	0.05	36.	8.0	.7	2472.	0.00	0.00	0.00	48.86	142.00	0.00	0.00	0.00	0.00	0.00	6.94	24.23	
2230	.01	2.5	6.5	.9	.250	0.00	0.00	0.00	100.00	158.00	0.00	0.00	0.00	0.00	0.00	9.50	27.00	A
800816	0.18	99.	1.2	1.2	7368.	0.00	0.00	0.00	19.22	84.80	0.00	0.00	0.00	0.00	0.00	2.72	12.42	
724	.03	1.2	.1	2.4	.207	0.00	0.00	0.00	110.00	146.00	0.00	0.00	0.00	0.00	0.00	6.10	19.00	A
800817	0.14	18.	.9	1.2	5922.	.17	1.44	.07	0.00	0.00	68.82	.63	1.12	.67	.10	0.00	0.00	
920	.10	.8	.8	4.1	.214	.40	2.40	.09	0.00	0.00	146.00	1.20	2.00	1.00	.10	0.00	0.00	C
800818	0.32	60.	1.6	2.4	13926.	.17	1.10	.06	0.00	0.00	79.29	.41	.52	.49	.25	0.00	0.00	
703	.10	.9	.5	10.4	.220	.20	1.30	.08	0.00	0.00	83.00	.70	2.20	1.10	1.30	0.00	0.00	A
800818	0.36	93.	.7	.5	42612.	.15	1.13	.09	47.52	74.62	0.00	0.00	0.00	0.00	0.00	2.26	13.56	
1430	.09	.2	.3	5.3	.600	.20	1.90	.09	83.00	150.00	0.00	0.00	0.00	0.00	0.00	50.00	20.00	A
800905	0.02	5.	3.2	.4	1302.	.10	.76	.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1248	.02	3.3	2.9	.7	.330	.10	1.30	.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	C
800907	0.15	38.	4.4	1.5	7008.	.10	.48	.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
922	.03	1.8	3.3	2.5	.237	.20	.80	.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	A
800907	0.08	19.	3.6	.7	2238.	0.00	0.00	0.00	47.89	102.12	0.00	0.00	0.00	0.00	0.00	3.46	20.34	
1707	.05	.3	2.5	1.5	.142	0.00	0.00	0.00	110.00	150.00	0.00	0.00	0.00	0.00	0.00	5.00	23.00	A
800912	0.04	3.	5.8	.6	984.	0.00	0.00	0.00	62.77	190.96	0.00	0.00	0.00	0.00	0.00	8.05	30.33	
1235	.04	4.1	5.6	.9	.125	0.00	0.00	0.00	90.00	223.00	0.00	0.00	0.00	0.00	0.00	10.00	33.00	A
800916	0.45	93.	7.5	2.8	17982.	.12	1.01	.14	0.00	0.00	30.43	.43	1.76	.58	.12	0.00	0.00	
412	.08	2.6	.7	7.2	.202	.20	2.00	.23	0.00	0.00	42.00	.71	3.60	1.30	.30	0.00	0.00	A
800916	0.62	105.	1.1	3.3	20658.	.13	.91	.10	0.00	0.00	49.50	.24	1.36	.46	.28	0.00	0.00	
1950	.10	.5	.1	11.9	.169	.20	1.60	.11	0.00	0.00	105.00	.30	2.80	.60	.60	0.00	0.00	A
801001	0.47	39.	10.0	.9	3864.	.16	1.40	.03	175.72	123.12	0.00	.73	5.33	1.94	1.63	4.53	16.98	
1824	.13	14.6	1.8	1.9	.042	.50	2.30	.05	490.00	300.00	143.00	1.10	8.60	5.00	2.00	10.00	34.00	A
801014	0.03	11.	9.9	.3	1164.	.23	1.12	.22	0.00	0.00	0.00	.96	5.86	3.07	2.10	0.00	0.00	
1705	.02	12.8	8.6	.4	.197	.30	1.80	.24	0.00	0.00	0.00	1.30	8.30	3.40	2.70	0.00	0.00	A
801024	0.06	78.	7.1	.8	3528.	.10	.40	.10	0.00	0.00	159.00	.89	2.74	.78	.66	0.00	0.00	
1140	.01	6.5	2.4	1.0	.298	.10	.80	.12	0.00	0.00	182.00	.97	4.20	.80	.80	0.00	0.00	A

UPDATED DATA SUMMARY FOR THE JOHN NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4
801027	0.13	167.	4.6	.8	4350.	0.00	0.00	0.00	39.07	165.41	0.00	0.00	0.00	0.00	0.00	9.89	25.11
1008	.02	2.8	3.2	.7	.170	0.00	0.00	0.00	65.00	300.00	0.00	0.00	0.00	0.00	0.00	20.00	32.00 A
810304	.25	391.	13.2	.3	7086.	.13	.60	.04	30.00	150.00	41.00	.26	1.50	.90	.20	20.00	22.00
207	.02	9.6	6.5	.4	.144												B
810304	.23	199.	6.7	.7	10830.	.13	1.40	.04	80.00	154.00	65.00	.30	1.50	.90	.20	21.00	19.00
1826	.07	.4	3.6	1.1	.239												B
810329	.12	49.	13.8	.1	294.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1019	.04	24.5	10.2	.1	.012												AX
810403	.12	27.	11.9	.7	3006.	.68	6.40	.13	620.00	220.00	355.00	1.50	8.70	1.70	1.20	17.00	30.00
925	.05	4.9	8.2	1.6	.127												B
810403	.07	14.	8.4	.9	2568.	.93	9.00	.18	380.00	113.00	365.00	1.40	7.40	.80	.40	6.40	18.00
1834	.03	.4	7.5	1.4	.186												BX
810404	.42	86.	7.6	1.9	12828.	.93	9.00	.18	380.00	113.00	365.00	1.40	7.40	.80	.40	6.40	18.00
30	.19	.2	2.2	2.8	.155												BX
810408	.09	11.	5.6	.3	696.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
855	.07	4.3	4.6	1.1	.039												AX
810409	.06	29.	5.0	.7	2580.	0.00	0.00	0.00	61.00	160.00	0.00	0.00	0.00	0.00	0.00	15.00	30.00
11	.02	.6	4.6	1.3	.218												A
810410	.54	175.	5.4	1.5	18186.	.15	2.10	.07	158.00	79.00	70.00	.42	3.00	.80	.50	4.20	10.00
346	.09	1.1	1.2	2.8	.171												AX
810410	.77	99.	1.5	2.9	25758.	0.00	0.00	0.00	623.00	99.00	0.00	0.00	0.00	0.00	0.00	2.30	0.00
1504	.26	.4	.1	11.7	.169												AX
810411	.24	183.	.7	1.0	12516.	0.00	0.00	0.00	58.00	115.00	0.00	0.00	0.00	0.00	0.00	7.20	13.00
619	.02	.6	.4	1.9	.264												A
810411	.19	274.	.5	.7	11316.	0.00	0.00	0.00	58.00	115.00	0.00	0.00	0.00	0.00	0.00	7.20	13.00
1147	.03	.2	.3	1.7	.301												AX
810411	.20	151.	.6	.9	10104.	0.00	0.00	0.00	58.00	115.00	0.00	0.00	0.00	0.00	0.00	7.20	13.00
1351	.04	.2	.4	1.7	.255												AX
810411	.32	67.	.5	.9	5880.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2140	.17	.2	.2	1.7	.093												A
810413	.22	57.	1.5	.8	4812.	0.00	0.00	0.00	105.00	135.00	0.00	0.00	0.00	0.00	0.00	8.90	18.00
1102	.11	1.1	.8	1.4	.111												AX
810413	.23	57.	1.3	1.0	6810.	0.00	0.00	0.00	40.00	134.00	0.00	0.00	0.00	0.00	0.00	12.00	19.00
2359	.04	.5	.7	1.4	.150												A

UPDATED DATA SUMMARY FOR THE JOHN NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810419	.51	747.	5.0	.7	29925.	.05	.70	.04	42.00	149.00	51.00	.51	2.50	1.10	.50	20.00	18.00	
410	.07	5.2	1.8	1.3	.297													CX
810422	.18	52.	3.9	.7	3366.	0.00	1.00	.03	60.00	135.00	75.00	.64	3.90	2.30	.80	15.00	22.00	
410	.04	2.5	2.5	.8	.095													AX
810422	.40	83.	2.6	.6	4512.	0.00	1.30	.03	141.00	103.00	83.00	.89	3.70	.60	.60	9.70	15.00	
924	.12	.2	.6	1.4	.057													AX
810428	.54	187.	5.6	.6	8262.	0.00	0.00	0.00	478.62	149.09	0.00	0.00	0.00	0.00	0.00	10.01	18.97	
1728	.21	6.1	1.1	1.4	.078	0.00	0.00	0.00	828.00	255.00	0.00	0.00	0.00	0.00	0.00	26.00	30.00	A
810505	.20	43.	5.7	.2	1020.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
903	.05	4.5	.6	.5	.026													AX
810509	.61	203.	3.9	.2	2580.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1356	.07	3.8	.7	1.3	.021													AX
810513	.32	272.	2.7	.8	15192.	0.00	.50	.05	35.00	156.00	32.00	.34	1.50	1.60	.30	11.00	26.00	
1727	.03	2.6	1.1	2.6	.241													A
810514	.21	158.	1.2	.7	8064.	0.00	.50	.05	35.00	156.00	32.00	.34	1.50	1.60	.30	11.00	26.00	
111	.02	.1	.7	1.4	.195													A
810514	.43	271.	.8	1.1	19284.	0.00	.50	.05	35.00	156.00	32.00	.34	1.50	1.60	.30	11.00	26.00	
759	.07	.2	.2	2.8	.227													A
810517	1.25	906.	2.8	1.0	58416.	0.00	0.00	0.00	34.00	190.00	0.00	0.00	0.00	0.00	0.00	16.00	27.00	
1719	.03	2.9	.1	4.3	.237													A
810529	.16	41.	8.5	1.2	5352.	.26	5.20	.08	502.00	214.00	265.00	1.50	13.00	.20	1.10	12.00	23.00	
2046	.09	11.5	5.2	3.6	.169													A
810608	.13	160.	9.7	.4	3984.	.36	11.00	.11	787.00	227.00	265.00	1.50	7.10	1.00	.60	18.00	26.00	
2142	.05	3.6	7.4	1.3	.155													B
810612	.41	258.	9.1	.9	15840.	.39	6.30	.05	314.00	137.00	202.00	1.10	8.40	1.10	.80	5.60	11.00	
842	.14	3.3	2.9	7.7	.196													B
810612	.12	52.	4.3	.8	3954.	.21	2.30	.03	154.00	78.00	88.00	.50	3.00	.50	.20	4.30	0.00	
1207	.02	.1	3.0	1.6	.166													B
810613	.29	14.	3.6	2.7	7734.	.21	2.30	.03	154.00	78.00	88.00	.50	3.00	.50	.20	4.30	0.00	
800	.09	.8	2.5	6.8	.135													B
810613	.31	67.	2.8	2.6	15006.	.21	2.30	.03	154.00	78.00	88.00	.50	3.00	.50	.20	4.30	0.00	
1728	.07	.4	1.1	8.4	.245													B
810615	.91	91.	3.0	4.7	37200.	.30	5.90	.30	306.00	109.00	133.00	.65	4.30	.60	.20	6.50	0.00	
2045	.18	2.1	.2	11.7	.207													BX

UPDATED DATA SUMMARY FOR THE JOHN NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4
810621	.17	82.	4.8	.5	3312.	0.00	0.00	0.00	39.00	144.00	0.00	0.00	0.00	0.00	0.00	8.20	22.00
431	.02	5.3	3.1	1.1	.099												B
810621	1.60	81.	3.7	4.4	63498.	0.00	0.00	0.00	35.00	361.00	0.00	0.00	0.00	0.00	0.00	28.00	60.00
2211	.35	.7	0.0	11.7	.201												BX
810624	.34	85.	2.2	1.9	13152.	.19	2.90	.04	187.00	110.00	96.00	.57	3.70	1.30	.50	6.00	17.00
601	.13	2.3	.8	8.8	.196												B
810624	.12	75.	1.3	.5	3198.	0.00	0.00	0.00	22.00	180.00	0.00	0.00	0.00	0.00	0.00	13.00	26.00
1943	.04	.5	1.0	1.4	.135												B
810704	.24	245.	7.9	.3	5880.	.13	1.50	.03	138.00	112.00	89.00	.54	2.70	.30	0.00	2.30	0.00
653	.02	9.4	4.0	1.0	.124												BX
810704	1.47	403.	4.1	2.8	75666.	.13	1.50	.03	138.00	112.00	89.00	.54	2.70	.30	0.00	2.30	0.00
1451	.14	.2	.1	11.7	.261												BX
810713	.11	8.	6.8	.5	1356.	0.00	0.00	0.00	160.00	226.00	0.00	0.00	0.00	0.00	0.00	11.00	25.00
2122	.04	4.0	6.1	1.1	.062												B
810715	.51	229.	6.9	1.1	17826.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
506	.09	1.3	2.0	5.5	.177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX
810718	.84	178.	4.9	2.8	35514.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2338	.13	3.6	.4	11.7	.214	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX
810719	.38	341.	.5	.6	14916.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
607	.04	.2	.3	2.0	.199	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX
810719	.21	117.	.7	.6	5940.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2240	.05	.4	.4	1.4	.143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX
810726	1.18	55.	5.4	6.8	48222.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	.26	6.0	.1	11.7	.207	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX
810726	.08	68.	.5	.3	1884.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
948	.02	.4	.4	.6	.119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX
810727	.90	380.	1.1	1.5	39054.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
322	.13	.7	.1	7.7	.220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX
810727	.17	18.	.5	2.5	7560.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2018	.16	.4	.3	8.4	.225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX
810728	.21	136.	.5	.8	8166.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	.03	.2	.3	2.2	.197	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX
810802	.15	62.	5.1	.7	3648.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2035	.04	5.7	3.4	1.6	.123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 BX

UPDATED DATA SUMMARY FOR THE JOHN NORTH BASIN

DATE / TIME	RAIN TOTL (IN) / MAX5 (IN)	DUR (MN) / DRI (DY)	EDD1 (DY) / EDD2 (DY)	FLOW MEAN (CFS) / PEAK (CFS)	RUNOFF VOLUME (FT3) / COEFF (IN/IN)	EVENT MEAN CONCENTRATIONS (MG/L) / EVENT MAXIMUM CONCENTRATIONS (MG/L)											
						LEAD	IRON	COPR	TSS	TDS	COD	PHOS	KNIT	NO2	NH3	CL2	SO4	
810805	1.69	302.	5.1	2.9	69978.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1238	.26	2.5	.1	11.7	.210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BX
810809	2.68	83.	3.7	6.7	131208.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1836	.61	4.0	0.0	11.7	.248	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BX
810814	.29	30.	4.3	2.9	10968.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1525	.08	4.8	1.8	10.1	.192													BX
810815	1.59	328.	2.1	4.2	90240.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	.18	.4	0.0	11.7	.288													BX
810826	.67	91.	8.4	2.0	14754.	.15	2.00	.04	298.00	77.00	110.00	.58	2.90	.80	.10	3.10	15.00	
1334	.13	11.3	1.3	11.7	.112													BB
810829	.41	41.	2.0	2.5	12558.	.07	1.10	.01	93.00	106.00	46.00	.29	1.90	.50	0.00	3.20	18.00	
2251	.13	1.8	.5	11.7	.155													BB
810830	.08	48.	1.4	.2	1194.	.07	1.10	.01	93.00	106.00	46.00	.29	1.90	.50	0.00	3.20	18.00	
2315	.03	1.0	1.2	.3	.076													BB

STREET LOAD

COMPOSITE DATA TABLES

The following tables contain the composite street dirt loading data collected for the five study basins. The alphabetic entry in column one of each record indicates the type of information contained in the record. The letter "R" indicates that there was rainfall on the given date. The letter "S" means that street sweeping occurred. The letter "F" indicates that field samples of the street dirt load were collected. The letter "C" means that the current record contains constituent quality data for 18 chosen constituents.

The rainfall data card contains the following six items:

1) The data, twice (MM/DD,YYMMDD)
2) Approximate hour that rainfall began
3) Number of days since last rainfall
4) Number of days since basin was last swept
5) Rainfall depth, in inches
6) Approximate duration of the rainfall, in minutes

The sweeping data card contains the following items:

1) The data, followed by date and time (MM/D,YYMMDDHHHH)
2) Days since last sweeping
3) Reciprocal of days since last sweeping
4) Load removed by sweeper (grams/curb-mile)

The street dirt load card contains the following three items:

1) Date and date with time (MM/DD,YYMMDDHHHH)

2) Basin composite load, in grams/curb-mile

3) Particle size distribution, as a fraction of the whole load.

The distribution is reported as eight groups prior to June 27, 1980, and as seven groups thereafter. The following groups were defined:

through June 26, 1980	after June 26, 1980
>6370 microns	>2000 microns
2000 - 6370	1000 - 2000
850 - 2000	500 - 1000
600 - 850	250 - 500
250 - 600	125 - 250
106 - 250	63 - 125
45 - 106	<63
<45	

The fractions are reported in the two descending orders shown above.

The constituent quality cards show concentrations of 18 constituents in all but the two largest particle size groups of the daily street load. Column headings on the table identify the constituents by abbreviations. The order of constituents, from left to right, is as follows: total dissolved solids, ammonia-nitrogen, nitrate-nitrite nitrogen, Kjeldahl nitrogen, phosphorus, chemical oxygen demand, lead, copper, iron, zinc, chromium, cadmium, mercury, manganese, nickel, percent volatile, sulfate, and chloride. All concentrations are given in milligrams of constituent per kilogram of dry solid except mercury (micrograms per kilogram) and percent volatile (percent). The constituent quality cards always refer to the "F" card immediately preceding them. The cards are ordered as follows:

	through June 26, 1980	after June 26, 1980
1.	850 - 2000 microns	500 - 1000 microns
2.	600 - 850	250 - 500
3.	250 - 600	125 - 250
4.	106 - 250	63 - 125
5.	45 - 106	<63
6.	<45	

1980 STREET DIRT DATA FOR THE MATTIS AVENUE NORTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	4/29	8004290500,21.3,20,.05,180																	
F	5/ 6	800506,492.54,.008,.099,.182,.107,.344,.149,.052,.057																	
C		1720.	3.	1.	141.	97.	91000.	215.	18.	25000.	65.	14.	.2	.02	670.	26.	2.1	250.	59.
C		1300.	1.	2.	245.	183.	51000.	620.	30.	30000.	81.	29.	.2	.06	710.	30.	2.2	210.	44.
C		1520.	4.	3.	360.	134.	74000.	1490.	110.	28000.	190.	17.	.2	.08	440.	27.	.5	300.	42.
C		3640.	3.	3.	516.	189.	85000.	2400.	61.	31000.	360.	42.	1.0	.12	580.	62.	4.6	1560.	65.
C		3390.	7.	10.	1600.	390.	210000.	3430.	92.	35000.	510.	46.	3.7	.15	900.	68.	6.0	820.	130.
C		3570.	1.	15.	1510.	386.	140000.	1820.	73.	20300.	380.	41.	1.5	.18	730.	58.	6.8	460.	160.
F	5/ 9	800509,474.21,.013,.134,.243,.109,.298,.128,.047,.025																	
C		1720.	3.	1.	141.	97.	91000.	215.	18.	25000.	65.	14.	.2	.02	670.	26.	2.1	250.	59.
C		1300.	1.	2.	245.	183.	51000.	620.	30.	30000.	81.	29.	.2	.06	710.	30.	2.2	210.	44.
C		1520.	4.	3.	360.	134.	74000.	1490.	110.	28000.	190.	17.	.2	.08	440.	27.	.5	300.	42.
C		3640.	3.	3.	516.	189.	85000.	2400.	61.	31000.	360.	42.	1.0	.12	580.	62.	4.6	1560.	65.
C		3390.	7.	10.	1600.	390.	210000.	3430.	92.	35000.	510.	46.	3.7	.15	900.	68.	6.0	820.	130.
C		3570.	1.	15.	1510.	386.	140000.	1820.	73.	20300.	380.	41.	1.5	.18	730.	58.	6.8	460.	160.
R	5/12	8005120600,13,33,.52,60																	
R	5/12	8005122200,.6,33.7,.5,120																	
F	5/14	800514,204.20,.024,.208,.206,.105,.298,.115,.034,.016																	
C		1720.	3.	1.	141.	97.	91000.	215.	18.	25000.	65.	14.	.2	.02	670.	26.	2.1	250.	59.
C		1300.	1.	2.	245.	183.	51000.	620.	30.	30000.	81.	29.	.2	.06	710.	30.	2.2	210.	44.
C		1520.	4.	3.	360.	134.	74000.	1490.	110.	28000.	190.	17.	.2	.08	440.	27.	.5	300.	42.
C		3640.	3.	3.	516.	189.	85000.	2400.	61.	31000.	360.	42.	1.0	.12	580.	62.	4.6	1560.	65.
C		3390.	7.	10.	1600.	390.	210000.	3430.	92.	35000.	510.	46.	3.7	.15	900.	68.	6.0	820.	130.
C		3570.	1.	15.	1510.	386.	140000.	1820.	73.	20300.	380.	41.	1.5	.18	730.	58.	6.8	460.	160.
R	5/16	8005161200,3.5,37.3,.12,600																	
R	5/17	8005171000,.5,38.2,.78,840																	
R	5/19	8005191400,1.6,40.4,.19,360																	
F	5/22	800522,271.87,.018,.178,.211,.101,.297,.118,.041,.028																	
C		1720.	3.	1.	141.	97.	91000.	215.	18.	25000.	65.	14.	.2	.02	670.	26.	2.1	250.	59.
C		1300.	1.	2.	245.	183.	51000.	620.	30.	30000.	81.	29.	.2	.06	710.	30.	2.2	210.	44.
C		1520.	4.	3.	360.	134.	74000.	1490.	110.	28000.	190.	17.	.2	.08	440.	27.	.5	300.	42.
C		3640.	3.	3.	516.	189.	85000.	2400.	61.	31000.	360.	42.	1.0	.12	580.	62.	4.6	1560.	65.
C		3390.	7.	10.	1600.	390.	210000.	3430.	92.	35000.	510.	46.	3.7	.15	900.	68.	6.0	820.	130.
C		3570.	1.	15.	1510.	386.	140000.	1820.	73.	20300.	380.	41.	1.5	.18	730.	58.	6.8	460.	160.
R	5/23	8005230100,3.2,43.9,.38,660																	
R	5/24	8005241600,1.2,45.6,.24,120																	
F	5/29	800529,221.62,.032,.159,.193,.107,.297,.121,.050,.036																	
C		1610.	1.	1.	331.	159.	140000.	390.	22.	33000.	90.	27.	.2	.02	800.	32.	4.1	180.	39.
C		1570.	3.	2.	102.	140.	88000.	550.	56.	44000.	85.	32.	.2	.08	910.	34.	2.0	190.	42.
C		1510.	1.	2.	168.	129.	69000.	1790.	26.	29000.	250.	19.	.2	.02	430.	30.	2.0	300.	45.
C		2850.	4.	3.	508.	262.	110000.	3950.	51.	36000.	410.	35.	.2	.08	620.	60.	3.3	1160.	61.
C		2620.	12.	6.	1460.	384.	110000.	4780.	94.	41000.	530.	50.	2.9	.22	1020.	71.	5.8	500.	110.
C		3130.	7.	12.	1260.	381.	110000.	1960.	91.	20500.	360.	39.	4.2	.43	670.	55.	5.2	420.	130.
R	5/30	8005301000,5.7,51.4,.38,540																	
R	6/ 1	8006010700,.6,52.4,.67,660																	
R	6/ 2	8006020400,.5,53.4,1.73,600																	
F	6/ 5	800605,297.29,.046,.176,.158,.090,.298,.139,.050,.028																	
C		1610.	1.	1.	331.	159.	140000.	390.	22.	33000.	90.	27.	.2	.02	800.	32.	4.1	180.	39.
C		1570.	3.	2.	102.	140.	88000.	550.	56.	44000.	85.	32.	.2	.08	910.	34.	2.0	190.	42.
C		1510.	1.	2.	168.	129.	69000.	1790.	26.	29000.	250.	19.	.2	.02	430.	30.	2.0	300.	45.
C		2850.	4.	3.	508.	262.	110000.	3950.	51.	36000.	410.	35.	.2	.08	620.	60.	3.3	1160.	61.
C		2620.	12.	6.	1460.	384.	110000.	4780.	94.	41000.	530.	50.	2.9	.22	1020.	71.	5.8	500.	110.
C		3130.	7.	12.	1260.	381.	110000.	1960.	91.	20500.	360.	39.	4.2	.43	670.	55.	5.2	420.	130.

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	6/10	800610,279.60,.030,.188,.169,.091,.294,.133,.051,.028																	
C		1610.	1.	1.	331.	159.	140000.	390.	22.	33000.	90.	27.	.2	.02	800.	32.	4.1	180.	39.
C		1570.	3.	2.	102.	140.	88000.	550.	56.	44000.	85.	32.	.2	.08	910.	34.	2.0	190.	42.
C		1510.	1.	2.	168.	129.	69000.	1790.	26.	29000.	250.	19.	.2	.02	430.	30.	2.0	300.	45.
C		2850.	4.	3.	508.	262.	110000.	3950.	51.	36000.	410.	35.	.2	.08	620.	60.	3.3	1160.	61.
C		2620.	12.	6.	1460.	384.	110000.	4780.	94.	41000.	530.	50.	2.9	.22	1020.	71.	5.8	500.	110.
C		3130.	7.	12.	1260.	381.	110000.	1960.	91.	20500.	360.	39.	4.2	.43	670.	55.	5.2	420.	130.
F	6/13	800613,356.66,.060,.144,.151,.090,.315,.152,.058,.036																	
C		1610.	1.	1.	331.	159.	140000.	390.	22.	33000.	90.	27.	.2	.02	800.	32.	4.1	180.	39.
C		1570.	3.	2.	102.	140.	88000.	550.	56.	44000.	85.	32.	.2	.08	910.	34.	2.0	190.	42.
C		1510.	1.	2.	168.	129.	69000.	1790.	26.	29000.	250.	19.	.2	.02	430.	30.	2.0	300.	45.
C		2850.	4.	3.	508.	262.	110000.	3950.	51.	36000.	410.	35.	.2	.08	620.	60.	3.3	1160.	61.
C		2620.	12.	6.	1460.	384.	110000.	4780.	94.	41000.	530.	50.	2.9	.22	1020.	71.	5.8	500.	110.
C		3130.	7.	12.	1260.	381.	110000.	1960.	91.	20500.	360.	39.	4.2	.43	670.	55.	5.2	420.	130.
R	6/15	8006150100,12.5,66.3,.39,360																	
R	6/15	8006151900,.5,67.1,.06,180																	
F	6/18	800618,297.93,.030,.188,.195,.103,.301,.117,.039,.022																	
C		1610.	1.	1.	331.	159.	140000.	390.	22.	33000.	90.	27.	.2	.02	800.	32.	4.1	180.	39.
C		1570.	3.	2.	102.	140.	88000.	550.	56.	44000.	85.	32.	.2	.08	910.	34.	2.0	190.	42.
C		1510.	1.	2.	168.	129.	69000.	1790.	26.	29000.	250.	19.	.2	.02	430.	30.	2.0	300.	45.
C		2850.	4.	3.	508.	262.	110000.	3950.	51.	36000.	410.	35.	.2	.08	620.	60.	3.3	1160.	61.
C		2620.	12.	6.	1460.	384.	110000.	4780.	94.	41000.	530.	50.	2.9	.22	1020.	71.	5.8	500.	110.
C		3130.	7.	12.	1260.	381.	110000.	1960.	91.	20500.	360.	39.	4.2	.43	670.	55.	5.2	420.	130.
F	6/20	800620,256.63,.020,.177,.193,.108,.317,.121,.040,.026																	
C		1610.	1.	1.	331.	159.	140000.	390.	22.	33000.	90.	27.	.2	.02	800.	32.	4.1	180.	39.
C		1570.	3.	2.	102.	140.	88000.	550.	56.	44000.	85.	32.	.2	.08	910.	34.	2.0	190.	42.
C		1510.	1.	2.	168.	129.	69000.	1790.	26.	29000.	250.	19.	.2	.02	430.	30.	2.0	300.	45.
C		2850.	4.	3.	508.	262.	110000.	3950.	51.	36000.	410.	35.	.2	.08	620.	60.	3.3	1160.	61.
C		2620.	12.	6.	1460.	384.	110000.	4780.	94.	41000.	530.	50.	2.9	.22	1020.	71.	5.8	500.	110.
C		3130.	7.	12.	1260.	381.	110000.	1960.	91.	20500.	360.	39.	4.2	.43	670.	55.	5.2	420.	130.
R	6/23	8006230600,7.4,74.6,1.03,420																	
F	6/26	800626,419.00,.056,.196,.183,.092,.278,.115,.046,.032																	
C		1610.	1.	1.	331.	159.	140000.	390.	22.	33000.	90.	27.	.2	.02	800.	32.	4.1	180.	39.
C		1570.	3.	2.	102.	140.	88000.	550.	56.	44000.	85.	32.	.2	.08	910.	34.	2.0	190.	42.
C		1510.	1.	2.	168.	129.	69000.	1790.	26.	29000.	250.	19.	.2	.02	430.	30.	2.0	300.	45.
C		2850.	4.	3.	508.	262.	110000.	3950.	51.	36000.	410.	35.	.2	.08	620.	60.	3.3	1160.	61.
C		2620.	12.	6.	1460.	384.	110000.	4780.	94.	41000.	530.	50.	2.9	.22	1020.	71.	5.8	500.	110.
C		3130.	7.	12.	1260.	381.	110000.	1960.	91.	20500.	360.	39.	4.2	.43	670.	55.	5.2	420.	130.
R	6/28	8006280500,4.7,79.6,.28,60																	
F	7/ 1	800701,409.25,.214,.136,.221,.228,.120,.043,.032																	
C		1290.	1.	1.	119.	79.	80000.	1270.	37.	45000.	160.	140.	.2	.06	740.	100.	2.2	150.	42.
C		1220.	1.	1.	253.	131.	41000.	1940.	22.	30000.	330.	14.	1.5	.02	460.	24.	2.0	260.	32.
C		2530.	2.	2.	387.	235.	110000.	3500.	210.	34000.	360.	43.	.2	.48	550.	52.	3.0	910.	59.
C		2920.	12.	6.	2090.	465.	170000.	4630.	100.	44000.	600.	58.	1.0	.42	920.	75.	7.0	550.	110.
C		3690.	17.	9.	1070.	449.	99000.	2910.	130.	26000.	450.	51.	1.8	.82	740.	63.	7.0	450.	120.
F	7/ 3	800703,374.24,.247,.134,.197,.216,.119,.048,.043																	
C		1290.	1.	1.	119.	79.	80000.	1270.	37.	45000.	160.	140.	.2	.06	740.	100.	2.2	150.	42.
C		1220.	1.	1.	253.	131.	41000.	1940.	22.	30000.	330.	14.	1.5	.02	460.	24.	2.0	260.	32.
C		2530.	2.	2.	387.	235.	110000.	3500.	210.	34000.	360.	43.	.2	.48	550.	52.	3.0	910.	59.
C		2920.	12.	6.	2090.	465.	170000.	4630.	100.	44000.	600.	58.	1.0	.42	920.	75.	7.0	550.	110.
C		3690.	17.	9.	1070.	449.	99000.	2910.	130.	26000.	450.	51.	1.8	.82	740.	63.	7.0	450.	120.
F	7/ 8	800708,400.35,.302,.133,.189,.198,.102,.039,.033																	
C		1290.	1.	1.	119.	79.	80000.	1270.	37.	45000.	160.	140.	.2	.06	740.	100.	2.2	150.	42.
C		1220.	1.	1.	253.	131.	41000.	1940.	22.	30000.	330.	14.	1.5	.02	460.	24.	2.0	260.	32.
C		2530.	2.	2.	387.	235.	110000.	3500.	210.	34000.	360.	43.	.2	.48	550.	52.	3.0	910.	59.
C		2920.	12.	6.	2090.	465.	170000.	4630.	100.	44000.	600.	58.	1.0	.42	920.	75.	7.0	550.	110.
C		3690.	17.	9.	1070.	449.	99000.	2910.	130.	26000.	450.	51.	1.8	.82	740.	63.	7.0	450.	120.

1980 STREET DIRT DATA FOR THE MATTIS AVENUE NORTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	7/11	800711,373.49,.257,.124,.191,.220,.116,.044,.043																	
C		1290.	1.	1.	119.	79.	80000.	1270.	37.	45000.	160.	140.	.2	.06	740.	100.	2.2	150.	42.
C		1220.	1.	1.	253.	131.	41000.	1940.	22.	30000.	330.	14.	1.5	.02	460.	24.	2.0	260.	32.
C		2530.	2.	2.	387.	235.	110000.	3500.	210.	34000.	360.	43.	.2	.48	550.	52.	3.0	910.	59.
C		2920.	12.	6.	2090.	465.	170000.	4630.	100.	44000.	600.	58.	1.0	.42	920.	75.	7.0	550.	110.
C		3690.	17.	9.	1070.	449.	99000.	2910.	130.	26000.	450.	51.	1.8	.82	740.	63.	7.0	450.	120.
F	7/22	800722,458.70,.241,.113,.179,.228,.121,.053,.055																	
C		1960.	1.	3.	420.	115.	29000.	860.	51.	35300.	130.	17.	.2	.02	670.	37.	.1	369.	37.
C		2740.	2.	2.	407.	92.	48000.	1290.	88.	25600.	100.	19.	.2	.02	430.	29.	1.9	410.	29.
C		3320.	9.	2.	542.	286.	60000.	2510.	77.	29700.	170.	25.	.2	.02	630.	47.	3.3	1150.	40.
C		4000.	12.	4.	1010.	400.	81000.	4360.	124.	40900.	260.	41.	5.0	.02	830.	74.	6.4	1140.	79.
C		4660.	19.	10.	1300.	412.	113000.	2640.	138.	25700.	200.	29.	5.0	.21	740.	62.	6.2	1060.	129.
F	7/25	800725,360.60,.260,.118,.189,.226,.114,.045,.046																	
C		1960.	1.	3.	420.	115.	29000.	860.	51.	35300.	130.	17.	.2	.02	670.	37.	.1	369.	37.
C		2740.	2.	2.	407.	92.	48000.	1290.	88.	25600.	100.	19.	.2	.02	430.	29.	1.9	410.	29.
C		3320.	9.	2.	542.	286.	60000.	2510.	77.	29700.	170.	25.	.2	.02	630.	47.	3.3	1150.	40.
C		4000.	12.	4.	1010.	400.	81000.	4360.	124.	40900.	260.	41.	5.0	.02	830.	74.	6.4	1140.	79.
C		4660.	19.	10.	1300.	412.	113000.	2640.	138.	25700.	200.	29.	5.0	.21	740.	62.	6.2	1060.	129.
R	7/26	8007262000,28.5,108.2,.11,180																	
R	7/27	8007271000,.5,108.8,.67,480																	
F	7/29	800729,376.32,.303,.113,.165,.218,.108,.041,.046																	
C		1960.	1.	3.	420.	115.	29000.	860.	51.	35300.	130.	17.	.2	.02	670.	37.	.1	369.	37.
C		2740.	2.	2.	407.	92.	48000.	1290.	88.	25600.	100.	19.	.2	.02	430.	29.	1.9	410.	29.
C		3320.	9.	2.	542.	286.	60000.	2510.	77.	29700.	170.	25.	.2	.02	630.	47.	3.3	1150.	40.
C		4000.	12.	4.	1010.	400.	81000.	4360.	124.	40900.	260.	41.	5.0	.02	830.	74.	6.4	1140.	79.
C		4660.	19.	10.	1300.	412.	113000.	2640.	138.	25700.	200.	29.	5.0	.21	740.	62.	6.2	1060.	129.
F	8/ 1	800801,333.53,.394,.153,.192,.172,.062,.015,.008																	
C		1960.	1.	3.	420.	115.	29000.	860.	51.	35300.	130.	17.	.2	.02	670.	37.	.1	369.	37.
C		2740.	2.	2.	407.	92.	48000.	1290.	88.	25600.	100.	19.	.2	.02	430.	29.	1.9	410.	29.
C		3320.	9.	2.	542.	286.	60000.	2510.	77.	29700.	170.	25.	.2	.02	630.	47.	3.3	1150.	40.
C		4000.	12.	4.	1010.	400.	81000.	4360.	124.	40900.	260.	41.	5.0	.02	830.	74.	6.4	1140.	79.
C		4660.	19.	10.	1300.	412.	113000.	2640.	138.	25700.	200.	29.	5.0	.21	740.	62.	6.2	1060.	129.
R	8/ 2	8008021400,4.9,114,.08,300																	
R	8/ 4	8008042300,2.3,116.5,.09,120																	
F	8/ 6	800806,414.05,.363,.131,.174,.198,.081,.026,.023																	
C		1960.	1.	3.	420.	115.	29000.	860.	51.	35300.	130.	17.	.2	.02	670.	37.	.1	369.	37.
C		2740.	2.	2.	407.	92.	48000.	1290.	88.	25600.	100.	19.	.2	.02	430.	29.	1.9	410.	29.
C		3320.	9.	2.	542.	286.	60000.	2510.	77.	29700.	170.	25.	.2	.02	630.	47.	3.3	1150.	40.
C		4000.	12.	4.	1010.	400.	81000.	4360.	124.	40900.	260.	41.	5.0	.02	830.	74.	6.4	1140.	79.
C		4660.	19.	10.	1300.	412.	113000.	2640.	138.	25700.	200.	29.	5.0	.21	740.	62.	6.2	1060.	129.
R	8/11	8008110900,6.4,123,.05,60																	
F	8/13	800813,393.69,.367,.118,.167,.186,.085,.032,.043																	
C		1960.	1.	3.	420.	115.	29000.	860.	51.	35300.	130.	17.	.2	.02	670.	37.	.1	369.	37.
C		2740.	2.	2.	407.	92.	48000.	1290.	88.	25600.	100.	19.	.2	.02	430.	29.	1.9	410.	29.
C		3320.	9.	2.	542.	286.	60000.	2510.	77.	29700.	170.	25.	.2	.02	630.	47.	3.3	1150.	40.
C		4000.	12.	4.	1010.	400.	81000.	4360.	124.	40900.	260.	41.	5.0	.02	830.	74.	6.4	1140.	79.
C		4660.	19.	10.	1300.	412.	113000.	2640.	138.	25700.	200.	29.	5.0	.21	740.	62.	6.2	1060.	129.
R	8/13	8008132100,2.5,125.6,1.84,1620																	
R	8/16	8008160600,1.3,128,.74,480																	
R	8/17	8008170900,.8,129.1,.13,60																	
R	8/18	8008180700,.9,130.1,.59,600																	

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	8/21	800821,456.52,.276,.123,.181,.220,.105,.040,.052																	
C		1960.	1.	3.	420.	115.	29000.	860.	51.	35300.	130.	17.	.2	.02	670.	37.	.1	369.	37.
C		2740.	2.	2.	407.	92.	48000.	1290.	88.	25600.	100.	19.	.2	.02	430.	29.	1.9	410.	29.
C		3320.	9.	2.	542.	286.	60000.	2510.	77.	29700.	170.	25.	.2	.02	630.	47.	3.3	1150.	40.
C		4000.	12.	4.	1010.	400.	81000.	4360.	124.	40900.	260.	41.	5.0	.02	830.	74.	6.4	1140.	79.
C		4660.	19.	10.	1300.	412.	113000.	2640.	138.	25700.	200.	29.	5.0	.21	740.	62.	6.2	1060.	129.
F	8/26	800826,402.75,.247,.113,.181,.255,.119,.047,.057																	
C		1960.	1.	3.	420.	115.	29000.	860.	51.	35300.	130.	17.	.2	.02	670.	37.	.1	369.	37.
C		2740.	2.	2.	407.	92.	48000.	1290.	88.	25600.	100.	19.	.2	.02	430.	29.	1.9	410.	29.
C		3320.	9.	2.	542.	286.	60000.	2510.	77.	29700.	170.	25.	.2	.02	630.	47.	3.3	1150.	40.
C		4000.	12.	4.	1010.	400.	81000.	4360.	124.	40900.	260.	41.	5.0	.02	830.	74.	6.4	1140.	79.
C		4660.	19.	10.	1300.	412.	113000.	2640.	138.	25700.	200.	29.	5.0	.21	740.	62.	6.2	1060.	129.
F	8/29	800829,562.61,.308,.115,.161,.210,.109,.044,.052																	
C		1440.	3.	3.	312.	107.	28000.	520.	101.	35200.	50.	16.	.2	.02	690.	30.	1.7	103.	37.
C		1240.	9.	1.	285.	135.	18000.	1290.	41.	25900.	100.	23.	.2	.02	420.	35.	1.4	160.	22.
C		2330.	14.	3.	615.	197.	70000.	2760.	93.	32200.	170.	26.	.2	.02	540.	63.	2.3	639.	37.
C		3240.	21.	5.	2480.	490.	108000.	4170.	119.	36300.	390.	39.	1.0	.02	830.	70.	6.3	857.	61.
C		3190.	24.	10.	1600.	367.	127000.	2690.	126.	28000.	280.	28.	2.0	.18	770.	61.	5.5	498.	80.
R	8/31	8008311000,12.7,143.2,.16,240																	
R	9/ 1	8009010300,.6,144,.42,660																	
R	9/ 2	8009020001,.5,145.1,.94,240																	
F	9/ 4	800904,433.66,.320,.132,.180,.215,.091,.031,.029																	
C		1440.	3.	3.	312.	107.	28000.	520.	101.	35200.	50.	16.	.2	.02	690.	30.	1.7	103.	37.
C		1240.	9.	1.	285.	135.	18000.	1290.	41.	25900.	100.	23.	.2	.02	420.	35.	1.4	160.	22.
C		2330.	14.	3.	615.	197.	70000.	2760.	93.	32200.	170.	26.	.2	.02	540.	63.	2.3	639.	37.
C		3240.	21.	5.	2480.	490.	108000.	4170.	119.	36300.	390.	39.	1.0	.02	830.	70.	6.3	857.	61.
C		3190.	24.	10.	1600.	367.	127000.	2690.	126.	28000.	280.	28.	2.0	.18	770.	61.	5.5	498.	80.
R	9/ 5	8009051200,3.4,148.7,.06,120																	
R	9/ 7	8009070900,1.8,150.6,.34,540																	
R	9/ 8	8009080800,.6,151.7,.03,60																	
F	9/11	800911,391.99,.232,.130,.194,.253,.116,.038,.037																	
C		1440.	3.	3.	312.	107.	28000.	520.	101.	35200.	50.	16.	.2	.02	690.	30.	1.7	103.	37.
C		1240.	9.	1.	285.	135.	18000.	1290.	41.	25900.	100.	23.	.2	.02	420.	35.	1.4	160.	22.
C		2330.	14.	3.	615.	197.	70000.	2760.	93.	32200.	170.	26.	.2	.02	540.	63.	2.3	639.	37.
C		3240.	21.	5.	2480.	490.	108000.	4170.	119.	36300.	390.	39.	1.0	.02	830.	70.	6.3	857.	61.
C		3190.	24.	10.	1600.	367.	127000.	2690.	126.	28000.	280.	28.	2.0	.18	770.	61.	5.5	498.	80.
R	9/12	8009121200,4.2,155.9,.06,60																	
R	9/13	8009130800,.8,156.8,.06,120																	
R	9/16	8009160300,2.8,159.7,.83,300																	
R	9/16	8009161900,.5,160.4,.93,540																	
F	9/18	800918,331.34,.296,.147,.195,.206,.089,.032,.031																	
C		1440.	3.	3.	312.	107.	28000.	520.	101.	35200.	50.	16.	.2	.02	690.	30.	1.7	103.	37.
C		1240.	9.	1.	285.	135.	18000.	1290.	41.	25900.	100.	23.	.2	.02	420.	35.	1.4	160.	22.
C		2330.	14.	3.	615.	197.	70000.	2760.	93.	32200.	170.	26.	.2	.02	540.	63.	2.3	639.	37.
C		3240.	21.	5.	2480.	490.	108000.	4170.	119.	36300.	390.	39.	1.0	.02	830.	70.	6.3	857.	61.
C		3190.	24.	10.	1600.	367.	127000.	2690.	126.	28000.	280.	28.	2.0	.18	770.	61.	5.5	498.	80.
F	9/23	800923,534.69,.243,.133,.202,.246,.105,.035,.035																	
C		1440.	3.	3.	312.	107.	28000.	520.	101.	35200.	50.	16.	.2	.02	690.	30.	1.7	103.	37.
C		1240.	9.	1.	285.	135.	18000.	1290.	41.	25900.	100.	23.	.2	.02	420.	35.	1.4	160.	22.
C		2330.	14.	3.	615.	197.	70000.	2760.	93.	32200.	170.	26.	.2	.02	540.	63.	2.3	639.	37.
C		3240.	21.	5.	2480.	490.	108000.	4170.	119.	36300.	390.	39.	1.0	.02	830.	70.	6.3	857.	61.
C		3190.	24.	10.	1600.	367.	127000.	2690.	126.	28000.	280.	28.	2.0	.18	770.	61.	5.5	498.	80.
F	9/26	800926,465.15,.271,.142,.189,.208,.100,.042,.047																	
C		1440.	3.	3.	312.	107.	28000.	520.	101.	35200.	50.	16.	.2	.02	690.	30.	1.7	103.	37.
C		1240.	9.	1.	285.	135.	18000.	1290.	41.	25900.	100.	23.	.2	.02	420.	35.	1.4	160.	22.
C		2330.	14.	3.	615.	197.	70000.	2760.	93.	32200.	170.	26.	.2	.02	540.	63.	2.3	639.	37.
C		3240.	21.	5.	2480.	490.	108000.	4170.	119.	36300.	390.	39.	1.0	.02	830.	70.	6.3	857.	61.
C		3190.	24.	10.	1600.	367.	127000.	2690.	126.	28000.	280.	28.	2.0	.18	770.	61.	5.5	498.	80.

1980 STREET DIRT DATA FOR THE MATTIS AVENUE NORTH BASIN

	TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
S 9/30	800930,174,.01,1299																	
F 10/ 1	801001,100.98,.230,.109,.177,.238,.132,.055,.055																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
R 10/ 1	8010011800,14.6,1.3,.56,240																	
F 10/ 2	801002,66.13,.392,.176,.199,.160,.053,.013,.005																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
F 10/ 3	801003,122.72,.286,.148,.193,.212,.096,.035,.031																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
F 10/ 6	801006,124.75,.253,.126,.180,.221,.114,.049,.053																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
F 10/ 7	801007,152.46,.204,.135,.197,.238,.115,.050,.056																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
F 10/ 8	801008,118.35,.227,.136,.186,.230,.118,.048,.052																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
F 10/10	801010,143.82,.223,.121,.179,.237,.126,.052,.058																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
R 10/14	8010141700,12.8,14.3,.06,60																	
F 10/15	801015,56.33,.481,.174,.173,.122,.034,.009,.006																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
R 10/17	8010170500,2.5,16.9,.47,120																	
R 10/17	8010172000,.6,17.6,.03,60																	

	TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F 10/21	801021,141.69,.310,.147,.182,.196,.095,.034,.033																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
R 10/24	8010240900,6.5,24.2,.39,300																	
R 10/27	8010271000,2.9,27.3,.47,1320																	
F 10/31	801031,158.58,.302,.166,.188,.185,.083,.032,.041																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
F 11/ 4	801104,101.46,.494,.189,.180,.107,.022,.004,.003																	
C	2320.	29.	3.	478.	191.	34000.	2000.	69.	37200.	440.	20.	.2	.02	640.	53.	.5	201.	45.
C	1900.	35.	3.	444.	185.	23000.	1460.	72.	23800.	210.	11.	2.0	.02	420.	45.	.4	197.	42.
C	3000.	60.	5.	945.	342.	41000.	3680.	65.	34300.	180.	25.	2.0	.02	600.	59.	.9	561.	61.
C	3530.	86.	7.	1000.	568.	77000.	5800.	130.	51100.	310.	48.	3.0	.02	840.	86.	.4	694.	112.
C	4050.	29.	14.	1680.	448.	114000.	3460.	139.	34800.	200.	35.	2.0	.18	810.	68.	.3	516.	123.
F 11/ 7	801107,165.62,.235,.136,.190,.218,.110,.042,.062																	
F 11/11	801111,165.30,.252,.138,.178,.211,.113,.045,.059																	
F 11/19	801119,135.19,.363,.161,.169,.164,.072,.026,.041																	
F 11/21	801121,211.82,.262,.154,.187,.210,.097,.034,.053																	
R 11/23	8011230300,25.9,54.2,.28,600																	
R 11/29	8011290900,6.1,60.5,.5,540																	

1981 STREET DIRT DATA FOR THE MATTIS AVENUE NORTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	3/29	8103291000	24.5	3	.1	20													
R	4/ 3	8104030900	5	8	.06	20													
R	4/ 3	8104031900	.4	8.4	.43	420													
F	4/ 7	8104070800	301.1	.317	.125	.163	.183	.101	.045	.063									
C		2470.	1.	6.	406.	206.	90000.	480.	65.	30000.	240.	54.	.2	.04	660.	37.	2.7	154.	67.
C		2350.	3.	1.	232.	103.	50000.	2600.	270.	26000.	270.	18.	.8	5.20	390.	17.	2.4	203.	29.
C		3970.	8.	4.	633.	162.	73000.	2600.	78.	28000.	280.	34.	.8	.07	520.	23.	3.2	1400.	46.
C		5690.	12.	5.	1160.	392.	124000.	3200.	100.	35000.	530.	60.	2.9	.14	960.	63.	5.8	2000.	94.
C		3720.	9.	9.	1570.	421.	116000.	1900.	83.	22000.	360.	36.	2.9	.20	690.	37.	5.8	378.	92.
R	4/ 8	8104080900	4.3	13	.08	10													
R	4/ 9	8104090001	.6	13.6	.05	10													
R	4/10	8104100400	1.1	14.8	.54	150													
R	4/10	8104101500	.4	15.2	.67	30													
R	4/11	8104110600	.6	15.9	.38	570													
R	4/11	8104112200	.2	16.5	.41	630													
R	4/13	8104131100	1.1	18.1	.21	60													
R	4/14	8104140001	.5	18.6	.23	70													
F	4/16	8104160800	540.2	.271	.140	.175	.201	.106	.043	.065									
C		2470.	1.	6.	406.	206.	90000.	480.	65.	30000.	240.	54.	.2	.04	660.	37.	2.7	154.	67.
C		2350.	3.	1.	232.	103.	50000.	2600.	270.	26000.	270.	18.	.8	5.20	390.	17.	2.4	203.	29.
C		3970.	8.	4.	633.	162.	73000.	2600.	78.	28000.	280.	34.	.8	.07	520.	23.	3.2	1400.	46.
C		5690.	12.	5.	1160.	392.	124000.	3200.	100.	35000.	530.	60.	2.9	.14	960.	63.	5.8	2000.	94.
C		3720.	9.	9.	1570.	421.	116000.	1900.	83.	22000.	360.	36.	2.9	.20	690.	37.	5.8	378.	92.
R	4/19	8104190600	5.2	23.9	.49	640													
R	4/22	8104220400	2.5	26.8	.77	640													
R	4/28	8104281700	6.1	33.3	.47	160													
R	4/29	8104291400	.7	34.2	.17	480													
R	4/30	8104302100	1	35.5	.04	10													
R	5/ 5	8105050900	4.5	40	.8	500													
F	5/ 7	8105070800	515.1	.298	.120	.150	.179	.095	.047	.108									
C		2470.	1.	6.	406.	206.	90000.	480.	65.	30000.	240.	54.	.2	.04	660.	37.	2.7	154.	67.
C		2350.	3.	1.	232.	103.	50000.	2600.	270.	26000.	270.	18.	.8	5.20	390.	17.	2.4	203.	29.
C		3970.	8.	4.	633.	162.	73000.	2600.	78.	28000.	280.	34.	.8	.07	520.	23.	3.2	1400.	46.
C		5690.	12.	5.	1160.	392.	124000.	3200.	100.	35000.	530.	60.	2.9	.14	960.	63.	5.8	2000.	94.
C		3720.	9.	9.	1570.	421.	116000.	1900.	83.	22000.	360.	36.	2.9	.20	690.	37.	5.8	378.	92.
R	5/ 9	8105091400	3.8	44.2	.52	200													
R	5/10	8105101300	.8	45.1	.84	750													
R	5/13	8105131700	2.6	48.3	1.02	1570													
R	5/17	8105171700	2.9	52.3	1.2	1950													
F	5/21	8105210800	522.4	.264	.132	.156	.188	.094	.043	.119									
C		2470.	1.	6.	406.	206.	90000.	480.	65.	30000.	240.	54.	.2	.04	660.	37.	2.7	154.	67.
C		2350.	3.	1.	232.	103.	50000.	2600.	270.	26000.	270.	18.	.8	5.20	390.	17.	2.4	203.	29.
C		3970.	8.	4.	633.	162.	73000.	2600.	78.	28000.	280.	34.	.8	.07	520.	23.	3.2	1400.	46.
C		5690.	12.	5.	1160.	392.	124000.	3200.	100.	35000.	530.	60.	2.9	.14	960.	63.	5.8	2000.	94.
C		3720.	9.	9.	1570.	421.	116000.	1900.	83.	22000.	360.	36.	2.9	.20	690.	37.	5.8	378.	92.
F	5/27	8105270800	559.5	.251	.102	.160	.209	.115	.051	.109									
C		2470.	1.	6.	406.	206.	90000.	480.	65.	30000.	240.	54.	.2	.04	660.	37.	2.7	154.	67.
C		2350.	3.	1.	232.	103.	50000.	2600.	270.	26000.	270.	18.	.8	5.20	390.	17.	2.4	203.	29.
C		3970.	8.	4.	633.	162.	73000.	2600.	78.	28000.	280.	34.	.8	.07	520.	23.	3.2	1400.	46.
C		5690.	12.	5.	1160.	392.	124000.	3200.	100.	35000.	530.	60.	2.9	.14	960.	63.	5.8	2000.	94.
C		3720.	9.	9.	1570.	421.	116000.	1900.	83.	22000.	360.	36.	2.9	.20	690.	37.	5.8	378.	92.

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	5/29	8105290800	480.3	.291	.109	.158	.190	.107	.047	.093									
C		2470.	1.	6.	406.	206.	90000.	480.	65.	30000.	240.	54.	.2	.04	660.	37.	2.7	154.	67.
C		2350.	3.	1.	232.	103.	50000.	2600.	270.	26000.	270.	18.	.8	5.20	390.	17.	2.4	203.	29.
C		3970.	8.	4.	633.	162.	73000.	2600.	78.	28000.	280.	34.	.8	.07	520.	23.	3.2	1400.	46.
C		5690.	12.	5.	1160.	392.	124000.	3200.	100.	35000.	530.	60.	2.9	.14	960.	63.	5.8	2000.	94.
C		3720.	9.	9.	1570.	421.	116000.	1900.	83.	22000.	360.	36.	2.9	.20	690.	37.	5.8	378.	92.
R	5/29	8105292100	11.5	64.5	.15	40													
F	6/ 1	8106010800	988.0	.320	.130	.155	.185	.097	.044	.065									
C		1780.	15.	45.	500.	115.	45000.	1100.	21.	38000.	180.	20.	.5	.02	680.	29.	1.8	111.	77.
C		1790.	3.	2.	333.	82.	25000.	1600.	18.	28000.	190.	22.	.5	.02	470.	16.	2.3	147.	25.
C		2590.	10.	2.	398.	114.	36000.	2300.	23.	29000.	270.	47.	14.0	.07	520.	42.	2.9	742.	41.
C		3890.	15.	6.	1370.	188.	77000.	4000.	75.	40000.	520.	51.	2.9	.16	890.	51.	5.4	603.	81.
C		3900.	18.	10.	1100.	372.	209000.	2300.	59.	25000.	380.	38.	2.9	.35	750.	41.	5.8	421.	114.
S	6/ 1	8106011000	66	.02	294.4														
F	6/ 1	8106011100	437.7	.225	.122	.160	.213	.120	.059	.100									
C		2220.	2.	5.	270.	62.	53000.	1200.	20.	40000.	88.	33.	.2	.02	740.	24.	2.4	114.	41.
C		2180.	4.	3.	93.	95.	20000.	1600.	17.	28000.	200.	23.	.2	.01	450.	18.	2.0	157.	28.
C		2810.	10.	3.	970.	200.	39000.	2400.	110.	30000.	310.	32.	.8	.05	530.	26.	2.5	783.	39.
C		3430.	19.	7.	1480.	388.	77000.	3100.	60.	37000.	440.	50.	2.0	.17	840.	51.	4.9	388.	64.
C		3560.	18.	8.	1450.	355.	67000.	2100.	55.	26000.	390.	37.	3.3	.20	830.	43.	5.2	344.	97.
R	6/ 1	8106011200	2.6	.1	.03	40													
R	6/ 3	8106030200	1.6	1.7	.05	20													
F	6/ 8	8106080800	345.9	.308	.140	.180	.186	.090	.039	.054									
C		1780.	15.	45.	500.	115.	45000.	1100.	21.	38000.	180.	20.	.5	.02	680.	29.	1.8	111.	77.
C		1790.	3.	2.	333.	82.	25000.	1600.	18.	28000.	190.	22.	.5	.02	470.	16.	2.3	147.	25.
C		2590.	10.	2.	398.	114.	36000.	2300.	23.	29000.	270.	47.	14.0	.07	520.	42.	2.9	742.	41.
C		3890.	15.	6.	1370.	188.	77000.	4000.	75.	40000.	520.	51.	2.9	.16	890.	51.	5.4	603.	81.
C		3900.	18.	10.	1100.	372.	209000.	2300.	59.	25000.	380.	38.	2.9	.35	750.	41.	5.8	421.	114.
S	6/ 8	8106081000	7	.14	255														
F	6/ 8	8106081100	275.7	.261	.131	.171	.203	.107	.050	.075									
C		2220.	2.	5.	270.	62.	53000.	1200.	20.	40000.	88.	33.	.2	.02	740.	24.	2.4	114.	41.
C		2180.	4.	3.	93.	95.	20000.	1600.	17.	28000.	200.	23.	.2	.01	450.	18.	2.0	157.	28.
C		2810.	10.	3.	970.	200.	39000.	2400.	110.	30000.	310.	32.	.8	.05	530.	26.	2.5	783.	39.
C		3430.	19.	7.	1480.	388.	77000.	3100.	60.	37000.	440.	50.	2.0	.17	840.	51.	4.9	388.	64.
C		3560.	18.	8.	1450.	355.	67000.	2100.	55.	26000.	390.	37.	3.3	.20	830.	43.	5.2	344.	97.
R	6/ 8	8106082200	5.8	.5	.1	190													
R	6/12	8106120900	3.3	4	.45	260													
R	6/13	8106130800	.8	4.9	.06	10													
R	6/13	8106131700	.4	5.3	.31	50													
R	6/15	8106152100	2.1	7.5	.78	100													
F	6/17	8106170800	308.4	.298	.136	.178	.204	.098	.040	.044									
C		1780.	15.	45.	500.	115.	45000.	1100.	21.	38000.	180.	20.	.5	.02	680.	29.	1.8	111.	77.
C		1790.	3.	2.	333.	82.	25000.	1600.	18.	28000.	190.	22.	.5	.02	470.	16.	2.3	147.	25.
C		2590.	10.	2.	398.	114.	36000.	2300.	23.	29000.	270.	47.	14.0	.07	520.	42.	2.9	742.	41.
C		3890.	15.	6.	1370.	188.	77000.	4000.	75.	40000.	520.	51.	2.9	.16	890.	51.	5.4	603.	81.
C		3900.	18.	10.	1100.	372.	209000.	2300.	59.	25000.	380.	38.	2.9	.35	750.	41.	5.8	421.	114.
S	6/17	8106171000	9	.11	71.7														
F	6/17	8106171100	241.8	.309	.161	.180	.184	.088	.035	.044									
C		2220.	2.	5.	270.	62.	53000.	1200.	20.	40000.	88.	33.	.2	.02	740.	24.	2.4	114.	41.
C		2180.	4.	3.	93.	95.	20000.	1600.	17.	28000.	200.	23.	.2	.01	450.	18.	2.0	157.	28.
C		2810.	10.	3.	970.	200.	39000.	2400.	110.	30000.	310.	32.	.8	.05	530.	26.	2.5	783.	39.
C		3430.	19.	7.	1480.	388.	77000.	3100.	60.	37000.	440.	50.	2.0	.17	840.	51.	4.9	388.	64.
C		3560.	18.	8.	1450.	355.	67000.	2100.	55.	26000.	390.	37.	3.3	.20	830.	43.	5.2	344.	97.

1981 STREET DIRT DATA FOR THE MATTIS AVENUE NORTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	6/19	8106190800	331.5	.284	.149	.179	.198	.098	.041	.051									
C		1780.	15.	45.	500.	115.	45000.	1100.	21.	38000.	180.	20.	.5	.02	680.	29.	1.8	111.	77.
C		1790.	3.	2.	333.	82.	25000.	1600.	18.	28000.	190.	22.	.5	.02	470.	16.	2.3	147.	25.
C		2590.	10.	2.	398.	114.	36000.	2300.	23.	29000.	270.	47.	14.0	.07	520.	42.	2.9	742.	41.
C		3890.	15.	6.	1370.	188.	77000.	4000.	75.	40000.	520.	51.	2.9	.16	890.	51.	5.4	603.	81.
C		3900.	18.	10.	1100.	372.	209000.	2300.	59.	25000.	380.	38.	2.9	.35	750.	41.	5.8	421.	114.
R	6/21	8106210500	5.3	3.8	.17	90													
R	6/21	8106212200	.7	4.5	1.42	70													
F	6/23	8106230800	313.7	.274	.135	.172	.217	.112	.046	.043									
C		1780.	15.	45.	500.	115.	45000.	1100.	21.	38000.	180.	20.	.5	.02	680.	29.	1.8	111.	77.
C		1790.	3.	2.	333.	82.	25000.	1600.	18.	28000.	190.	22.	.5	.02	470.	16.	2.3	147.	25.
C		2590.	10.	2.	398.	114.	36000.	2300.	23.	29000.	270.	47.	14.0	.07	520.	42.	2.9	742.	41.
C		3890.	15.	6.	1370.	188.	77000.	4000.	75.	40000.	520.	51.	2.9	.16	890.	51.	5.4	603.	81.
C		3900.	18.	10.	1100.	372.	209000.	2300.	59.	25000.	380.	38.	2.9	.35	750.	41.	5.8	421.	114.
S	6/23	8106231000	6	.17	110.2														
F	6/23	8106231100	234.3	.267	.144	.171	.205	.117	.049	.045									
C		2220.	2.	5.	270.	62.	53000.	1200.	20.	40000.	88.	33.	.2	.02	740.	24.	2.4	114.	41.
C		2180.	4.	3.	93.	95.	20000.	1600.	17.	28000.	200.	23.	.2	.01	450.	18.	2.0	157.	28.
C		2810.	10.	3.	970.	200.	39000.	2400.	110.	30000.	310.	32.	.8	.05	530.	26.	2.5	783.	39.
C		3430.	19.	7.	1480.	388.	77000.	3100.	60.	37000.	440.	50.	2.0	.17	840.	51.	4.9	388.	64.
C		3560.	18.	8.	1450.	355.	67000.	2100.	55.	26000.	390.	37.	3.3	.20	830.	43.	5.2	344.	97.
R	6/24	8106240600	2.3	.9	.31	90													
F	6/26	8106260800	228.1	.314	.167	.188	.188	.082	.030	.030									
C		1780.	15.	45.	500.	115.	45000.	1100.	21.	38000.	180.	20.	.5	.02	680.	29.	1.8	111.	77.
C		1790.	3.	2.	333.	82.	25000.	1600.	18.	28000.	190.	22.	.5	.02	470.	16.	2.3	147.	25.
C		2590.	10.	2.	398.	114.	36000.	2300.	23.	29000.	270.	47.	14.0	.07	520.	42.	2.9	742.	41.
C		3890.	15.	6.	1370.	188.	77000.	4000.	75.	40000.	520.	51.	2.9	.16	890.	51.	5.4	603.	81.
C		3900.	18.	10.	1100.	372.	209000.	2300.	59.	25000.	380.	38.	2.9	.35	750.	41.	5.8	421.	114.
F	6/29	8106290800	321.8	.314	.141	.172	.194	.097	.040	.041									
C		1780.	15.	45.	500.	115.	45000.	1100.	21.	38000.	180.	20.	.5	.02	680.	29.	1.8	111.	77.
C		1790.	3.	2.	333.	82.	25000.	1600.	18.	28000.	190.	22.	.5	.02	470.	16.	2.3	147.	25.
C		2590.	10.	2.	398.	114.	36000.	2300.	23.	29000.	270.	47.	14.0	.07	520.	42.	2.9	742.	41.
C		3890.	15.	6.	1370.	188.	77000.	4000.	75.	40000.	520.	51.	2.9	.16	890.	51.	5.4	603.	81.
C		3900.	18.	10.	1100.	372.	209000.	2300.	59.	25000.	380.	38.	2.9	.35	750.	41.	5.8	421.	114.
S	6/29	8106291000	6	.17	76.2														
F	6/29	8106291100	227.2	.000	.000	.000	.000	.000	.000	.000									
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
F	7/ 2	8107020800	288.1	.269	.132	.178	.214	.112	.047	.048									
R	7/ 4	8107040700	10	4.9	1.85	1130													
F	7/ 6	8107060800	230.5	.338	.131	.183	.199	.087	.032	.031									
S	7/ 6	8107061000	7	.14	59														
F	7/ 6	8107061100	220.4	.267	.136	.184	.210	.106	.044	.052									
F	7/ 9	8107090800	290.4	.260	.119	.179	.222	.116	.049	.055									
R	7/ 9	8107092000	4.8	3.4	.1	10													
F	7/13	8107130800	367.2	.355	.128	.165	.181	.089	.038	.043									
S	7/13	8107131000	7	.14	157.3														
F	7/13	8107131100	218.5	.343	.112	.147	.190	.108	.048	.053									
R	7/14	8107140200	4.2	.7	.03	30													
R	7/15	8107150500	1.1	1.8	.57	240													
F	7/17	8107170800	235.1	.386	.128	.162	.179	.082	.030	.033									
R	7/19	8107190001	3.6	5.6	1.22	730													
R	7/19	8107192300	.5	6.5	.2	100													

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	7/21	8107210800	252.6	.426	.143	.151	.153	.068	.028	.032									
S	7/21	8107211000	8	.13	70.4														
F	7/21	8107211100	205.9	.370	.128	.156	.178	.088	.037	.043									
F	7/23	8107230800	225.1	.329	.131	.160	.191	.097	.043	.050									
R	7/26	8107260001	6	4.6	1.17	60													
R	7/26	8107261000	.4	5	.08	70													
R	7/27	8107270300	.7	5.7	.89	380													
R	7/27	8107272000	.4	6.4	.38	440													
F	7/29	8107290800	204.2	.394	.134	.162	.172	.074	.031	.033									
S	7/29	8107291000	8	.13	60														
F	7/29	8107291100	182.9	.324	.122	.169	.202	.098	.039	.045									
F	7/31	8107310800	254.9	.341	.143	.169	.183	.087	.037	.043									
R	8/ 2	8108022100	5.7	4.5	.17	210													
F	8/ 4	8108040800	165.5	.000	.000	.000	.000	.000	.000	.000									
S	8/ 4	8108041000	6	.17	33.5														
F	8/ 4	8108041100	169.4	.000	.000	.000	.000	.000	.000	.000									
R	8/ 5	8108051300	2.5	1.1	1.65	340													
F	8/ 7	8108070800	203.6	.000	.000	.000	.000	.000	.000	.000									
R	8/ 9	8108091900	4	5.4	2.49	80													
F	8/11	8108110800	261.0	.000	.000	.000	.000	.000	.000	.000									
S	8/11	8108111000	7	.14	104.9														
F	8/11	8108111100	209.0	.000	.000	.000	.000	.000	.000	.000									
F	8/13	8108130800	270.3	.000	.000	.000	.000	.000	.000	.000									
R	8/14	8108141500	4.8	3.2	.38	30													
R	8/15	8108150001	.4	3.6	1.69	630													
S	8/17	8108171000	6	.17	52.2														
S	8/24	8108241000	7	.14	33.3														
R	8/26	8108261400	11.1	2.2	.48	90													
R	8/27	8108271500	1	3.2	1.36	690													
R	8/29	8108292300	1.8	5.5	.38	50													
R	8/30	8108302300	1	6.5	.06	50													
S	8/31	8108311000	7	.14	28.2														

1980 STREET DIRT DATA FOR THE MATTIS AVENUE SOUTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	4/29	8004290500,21.3,20,.05,180																	
F	5/ 6	800506,119.77,.034,.237,.201,.092,.252,.106,.039,.034																	
C		1970.	206.	3.	958.	210.	111235.	245.	22.	31897.	140.	16.	.2	.02	679.	23.	2.4	691.	63.
C		2081.	41.	3.	110.	120.	60966.	923.	32.	43449.	171.	21.	.2	.12	618.	29.	2.6	369.	72.
C		1562.	23.	4.	398.	103.	21377.	2602.	26.	33706.	134.	23.	.8	.08	411.	21.	2.1	368.	69.
C		4805.	35.	6.	497.	213.	51298.	5264.	52.	41320.	509.	42.	.2	.13	605.	46.	3.0	2087.	169.
C		6459.	65.	11.	1079.	283.	156611.	5983.	127.	41326.	590.	62.	3.0	.20	858.	78.	6.2	2514.	286.
C		4405.	83.	24.	1123.	283.	118112.	3351.	99.	25665.	452.	48.	1.4	.15	697.	75.	6.5	802.	257.
F	5/ 9	800509,98.50,.048,.211,.188,.097,.260,.112,.049,.037																	
C		2073.	196.	3.	985.	223.	114401.	284.	22.	31633.	140.	17.	.2	.02	677.	23.	2.6	669.	70.
C		2179.	39.	3.	168.	131.	67936.	885.	31.	42153.	173.	20.	.2	.11	612.	29.	2.7	365.	83.
C		1582.	22.	4.	433.	112.	25428.	2572.	26.	33206.	140.	23.	.8	.08	414.	21.	2.1	365.	69.
C		4844.	35.	6.	504.	214.	51559.	5170.	52.	40722.	500.	41.	.2	.13	601.	46.	3.0	2101.	168.
C		6597.	64.	11.	1083.	284.	155389.	5913.	125.	40981.	585.	62.	3.1	.25	857.	77.	6.1	2603.	284.
C		4445.	80.	24.	1144.	286.	118213.	3279.	98.	25362.	445.	47.	1.4	.15	694.	74.	6.4	812.	254.
R	5/12	8005120600,13,33,.52,60																	
R	5/12	8005122200,.6,33.7,.5,120																	
F	5/14	800514,109.67,.035,.217,.229,.104,.263,.104,.033,.019																	
C		2161.	187.	3.	1009.	235.	117096.	316.	22.	31409.	140.	17.	.2	.03	675.	23.	2.7	650.	77.
C		2333.	36.	3.	261.	147.	79048.	823.	31.	40087.	177.	20.	.2	.11	604.	29.	3.0	360.	102.
C		1646.	19.	3.	543.	138.	38064.	2476.	25.	31644.	160.	23.	.7	.07	421.	22.	2.2	355.	70.
C		5144.	29.	6.	562.	226.	53562.	4455.	54.	36143.	428.	38.	.2	.12	570.	45.	3.2	2213.	159.
C		8550.	51.	11.	1140.	305.	138032.	4916.	103.	36086.	514.	55.	3.9	.96	844.	75.	5.8	3867.	258.
C		4821.	47.	29.	1336.	313.	119152.	2612.	87.	22543.	379.	37.	.8	.17	665.	72.	6.2	911.	225.
R	5/16	8005161200,3.5,37.3,.12,600																	
R	5/17	8005171000,.5,38.2,.78,840																	
R	5/19	8005191400,1.6,40.4,.19,360																	
R	5/23	8005230100,3.2,43.9,.38,660																	
R	5/24	8005241600,1.2,45.6,.24,120																	
F	5/27	800527,148.41,.036,.238,.207,.097,.249,.103,.037,.030																	
C		2156.	187.	3.	1008.	234.	116961.	315.	22.	31420.	140.	17.	.2	.03	675.	23.	2.7	651.	76.
C		2358.	36.	3.	276.	150.	80831.	813.	30.	39755.	178.	19.	.2	.10	602.	29.	3.0	359.	104.
C		1635.	20.	3.	524.	134.	35887.	2493.	25.	31913.	157.	23.	.7	.07	419.	22.	2.2	357.	70.
C		5015.	32.	6.	537.	221.	52701.	4763.	53.	38113.	459.	40.	.2	.12	583.	45.	3.1	2165.	163.
C		7289.	60.	11.	1103.	292.	149238.	5559.	117.	39247.	560.	59.	3.4	.50	852.	76.	6.0	3051.	275.
C		4545.	71.	26.	1195.	293.	118462.	3102.	95.	24613.	428.	44.	1.2	.16	686.	74.	6.4	839.	246.
F	5/30	800530,83.36,.068,.242,.206,.091,.231,.094,.035,.020																	
C		2237.	1.	1.	349.	192.	46281.	428.	36.	38539.	120.	14.	.8	.02	719.	30.	3.5	215.	99.
C		1732.	2.	2.	375.	161.	75740.	3637.	45.	62053.	157.	59.	.9	.03	1563.	40.	3.2	226.	92.
C		1531.	2.	3.	240.	137.	58602.	4183.	38.	40699.	311.	28.	.2	.02	562.	34.	2.3	302.	91.
C		3544.	5.	6.	447.	199.	96373.	6487.	81.	45531.	453.	40.	.8	.18	625.	43.	3.2	1380.	177.
C		6072.	16.	11.	984.	395.	115533.	9554.	153.	58014.	721.	58.	4.5	.21	995.	108.	5.6	783.	355.
C		4589.	37.	5.	1200.	393.	102681.	5028.	182.	32658.	493.	51.	2.5	.35	734.	114.	6.1	966.	380.
R	5/30	8005301000,5.7,51.4,.38,540																	
R	6/ 1	8006010700,.6,52.4,.67,660																	
R	6/ 2	8006020400,.5,53.4,1.73,600																	
F	6/ 4	800604,110.37,.022,.276,.206,.093,.270,.103,.029,.010																	
C		2111.	2.	1.	316.	188.	43015.	382.	36.	37246.	109.	9.	.8	.02	711.	29.	3.2	205.	83.
C		1611.	2.	2.	298.	157.	75548.	3563.	45.	60367.	146.	57.	.9	.03	1560.	39.	3.1	216.	77.
C		1485.	2.	3.	237.	133.	58366.	3968.	31.	39464.	301.	27.	.2	.02	560.	34.	2.2	300.	84.
C		3504.	5.	6.	443.	196.	97265.	6214.	77.	44157.	436.	38.	.8	.18	615.	41.	3.2	1379.	166.
C		6099.	23.	11.	1004.	383.	126465.	8564.	143.	53521.	664.	54.	4.0	.20	969.	102.	5.7	977.	323.
C		4639.	45.	12.	1241.	367.	105957.	3758.	153.	28336.	414.	44.	1.9	.32	695.	100.	6.1	950.	313.

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	6/ 9	800609,117.34,.035,.197,.201,.100,.288,.118,.037,.017																	
C		2132.	2.	1.	321.	189.	43503.	392.	36.	37525.	111.	10.	.8	.02	713.	30.	3.2	207.	86.
C		1620.	2.	2.	304.	157.	75374.	3582.	45.	60701.	147.	58.	.9	.03	1565.	39.	3.1	217.	79.
C		1483.	2.	3.	237.	133.	58624.	3945.	31.	39286.	300.	27.	.2	.02	559.	34.	2.2	300.	84.
C		3483.	6.	6.	442.	195.	97597.	5936.	74.	42622.	420.	37.	.7	.17	605.	40.	3.2	1370.	159.
C		6050.	25.	11.	1008.	378.	128714.	8318.	139.	52329.	648.	53.	3.8	.20	963.	99.	5.7	963.	309.
C		4571.	42.	9.	1217.	375.	104438.	4129.	159.	29435.	437.	46.	2.0	.33	706.	102.	6.1	935.	328.
F	6/12	800612,128.97,.057,.173,.175,.093,.285,.130,.042,.021																	
C		2174.	2.	1.	338.	190.	44964.	395.	36.	37478.	113.	10.	.8	.02	712.	30.	3.3	209.	89.
C		1632.	2.	2.	312.	158.	75023.	3615.	45.	61274.	149.	58.	.9	.03	1575.	39.	3.1	219.	81.
C		1497.	2.	3.	238.	135.	57346.	4097.	33.	40398.	307.	28.	.2	.02	563.	34.	2.2	301.	88.
C		3504.	4.	6.	441.	196.	97401.	6318.	77.	44791.	442.	39.	.8	.18	620.	40.	3.2	1386.	168.
C		5979.	21.	11.	995.	383.	122506.	8836.	143.	54605.	676.	54.	4.1	.21	977.	101.	5.7	798.	319.
C		4583.	42.	9.	1218.	376.	104412.	4199.	161.	29717.	441.	46.	2.1	.33	708.	104.	6.1	942.	333.
R	6/15	8006150100,12.5,66.3,.39,360																	
R	6/15	8006151900,.5,67.1,.06,180																	
F	6/17	800617,91.68,.061,.244,.196,.093,.249,.099,.030,.017																	
C		2279.	3.	1.	399.	195.	49696.	369.	34.	35835.	108.	9.	.8	.03	696.	29.	3.5	210.	89.
C		1675.	2.	2.	337.	153.	79442.	3341.	43.	57121.	143.	53.	.8	.03	1462.	38.	3.2	213.	79.
C		1490.	3.	3.	237.	130.	63803.	3651.	30.	36678.	285.	26.	.2	.02	545.	33.	2.3	299.	79.
C		3466.	10.	5.	449.	196.	97353.	5273.	69.	38723.	383.	34.	.6	.15	577.	42.	3.2	1333.	145.
C		6299.	35.	11.	1043.	367.	146300.	6885.	128.	46114.	573.	48.	3.2	.17	922.	94.	5.9	1478.	286.
C		4608.	49.	15.	1248.	355.	106972.	3136.	137.	26049.	375.	41.	1.6	.30	675.	92.	6.1	922.	275.
F	6/19	800619,107.15,.038,.258,.183,.089,.253,.112,.040,.021																	
C		2098.	2.	1.	304.	187.	42152.	394.	36.	37816.	111.	9.	.9	.02	716.	30.	3.2	206.	85.
C		1621.	2.	2.	304.	157.	75801.	3553.	45.	60242.	146.	57.	.9	.03	1554.	39.	3.1	216.	78.
C		1490.	2.	3.	237.	132.	60736.	3846.	31.	38343.	295.	26.	.2	.02	554.	33.	2.2	300.	82.
C		3485.	9.	6.	448.	196.	97101.	5551.	72.	40277.	399.	35.	.7	.16	588.	42.	3.2	1344.	153.
C		6275.	34.	11.	1039.	369.	144058.	7073.	130.	46945.	583.	49.	3.3	.17	928.	94.	5.9	1420.	290.
C		4656.	50.	16.	1263.	352.	107831.	2975.	135.	25631.	365.	40.	1.6	.30	671.	92.	6.1	936.	270.
R	6/23	8006230600,7.4,74.6,1.03,420																	
F	6/25	800625,87.15,.045,.222,.181,.089,.265,.119,.042,.026																	
C		2151.	2.	1.	327.	189.	44074.	397.	36.	37648.	113.	10.	.8	.02	714.	30.	3.3	208.	88.
C		1653.	2.	2.	324.	156.	77279.	3474.	44.	59127.	146.	56.	.9	.03	1517.	38.	3.2	215.	80.
C		1504.	3.	3.	238.	131.	62994.	3771.	32.	37523.	291.	26.	.2	.02	548.	33.	2.3	300.	82.
C		3482.	9.	6.	449.	196.	97092.	5457.	71.	39728.	394.	35.	.7	.15	584.	42.	3.2	1339.	151.
C		6214.	31.	11.	1029.	372.	139042.	7490.	133.	48765.	605.	50.	3.5	.18	939.	96.	5.9	1283.	298.
C		4587.	44.	10.	1225.	371.	105021.	3937.	155.	28808.	425.	45.	1.9	.32	700.	101.	6.1	936.	319.
R	6/28	8006280500,4.7,79.6,.28,60																	
F	6/30	800630,117.52,.320,.136,.180,.196,.100,.031,.030																	
C		1483.	1.	2.	358.	240.	83227.	3388.	40.	68281.	525.	26.	.3	.02	747.	56.	2.6	195.	96.
C		1354.	1.	2.	193.	88.	46467.	4738.	28.	42905.	234.	15.	.2	.02	444.	46.	2.1	271.	81.
C		2878.	2.	5.	385.	176.	75977.	5006.	49.	39410.	490.	39.	10.1	.07	516.	39.	2.9	1042.	144.
C		4473.	7.	8.	1446.	511.	156719.	7964.	129.	51399.	697.	60.	3.0	.14	846.	81.	5.9	1613.	219.
C		4302.	6.	11.	1090.	416.	111616.	4382.	156.	28764.	493.	41.	.8	.56	714.	85.	6.4	1047.	274.
F	7/ 2	800702,93.32,.297,.138,.185,.202,.104,.036,.034																	
C		2072.	2.	2.	340.	239.	86073.	3539.	41.	69880.	535.	28.	.2	.03	750.	47.	3.7	257.	155.
C		1539.	1.	2.	246.	78.	53525.	5466.	30.	47331.	315.	18.	.2	.03	469.	42.	2.6	286.	99.
C		3100.	2.	5.	411.	188.	86126.	6661.	60.	45151.	544.	46.	9.9	.08	547.	45.	3.6	1061.	191.
C		4934.	7.	8.	2406.	626.	193374.	10342.	159.	60815.	841.	69.	4.9	.17	900.	97.	8.6	1606.	325.
C		5154.	3.	12.	1337.	453.	114310.	6282.	199.	36065.	598.	51.	2.0	.55	729.	120.	7.1	1457.	424.
F	7/ 7	800707,135.75,.356,.131,.174,.187,.092,.030,.024																	
C		1552.	1.	2.	454.	246.	96124.	3259.	38.	65596.	508.	25.	.3	.02	731.	61.	2.8	198.	98.
C		1366.	1.	2.	191.	99.	46794.	4516.	28.	41145.	225.	15.	.2	.02	432.	53.	2.1	270.	79.
C		2880.	2.	4.	381.	174.	75695.	4661.	46.	36974.	462.	37.	9.2	.07	500.	37.	3.0	1035.	139.
C		4516.	7.	8.	1450.	501.	153624.	7721.	127.	49867.	676.	58.	2.9	.13	837.	80.	5.9	1643.	213.
C		4339.	6.	11.	1101.	418.	111935.	4433.	157.	28946.	494.	41.	.8	.56	713.	87.	6.4	1069.	279.

1980 STREET DIRT DATA FOR THE MATTIS AVENUE SOUTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	7/10	800710,170.23,.431,.124,.152,.167,.083,.026,.013																	
C		1540.	1.	2.	322.	238.	79047.	3455.	41.	69457.	532.	26.	.3	.02	752.	53.	2.7	203.	104.
C		1346.	1.	2.	194.	79.	46240.	4914.	28.	44290.	240.	16.	.2	.02	452.	41.	2.1	272.	82.
C		2878.	2.	5.	391.	180.	76560.	5500.	53.	42771.	528.	42.	11.3	.08	538.	41.	2.9	1052.	152.
C		4360.	8.	8.	1535.	560.	172604.	9153.	140.	58301.	792.	69.	3.8	.17	887.	85.	6.1	1499.	255.
C		4496.	5.	8.	1152.	424.	109238.	5293.	172.	32455.	563.	47.	1.0	.54	737.	94.	6.6	1089.	333.
S	7/21	8007211030,103,.01,62.1																	
F	7/21	800721,97.66,.356,.143,.162,.170,.094,.038,.035																	
C		1676.	3.	4.	461.	191.	32217.	2995.	68.	75925.	166.	19.	.2	.04	901.	47.	2.8	216.	67.
C		2233.	7.	5.	356.	141.	27993.	4583.	92.	44844.	208.	20.	.2	.27	557.	97.	2.4	300.	107.
C		3697.	12.	7.	2326.	253.	44168.	5723.	87.	43310.	291.	30.	.2	.33	613.	48.	2.9	901.	99.
C		6473.	20.	11.	3071.	417.	92602.	6505.	148.	49921.	392.	42.	2.4	.42	885.	79.	5.8	1774.	152.
C		6430.	36.	15.	1886.	404.	111331.	4566.	208.	37778.	252.	31.	3.7	.80	850.	85.	6.9	1467.	175.
S	7/24	8007241030,3,.29,106.5																	
F	7/24	800724,90.75,.335,.148,.168,.169,.094,.041,.042																	
C		1625.	3.	4.	452.	186.	31931.	2937.	67.	75393.	162.	19.	.2	.03	888.	46.	2.7	213.	66.
C		2191.	7.	5.	337.	132.	27276.	4338.	88.	42848.	197.	19.	.2	.22	534.	92.	2.3	291.	102.
C		3602.	14.	6.	2081.	243.	42360.	5009.	79.	38822.	257.	27.	.2	.28	571.	44.	2.8	885.	87.
C		6387.	25.	10.	2652.	391.	90444.	5455.	133.	43369.	335.	37.	1.9	.38	836.	71.	5.5	1715.	128.
C		6239.	47.	12.	1847.	387.	117196.	3625.	181.	32726.	213.	27.	2.9	.75	810.	77.	6.6	1416.	142.
R	7/26	8007262000,28.5,3.5,.11,180																	
R	7/27	8007271000,.5,4.1,.67,480																	
S	7/28	8007280830,4,.29,56.7																	
F	7/30	800730,91.87,.334,.151,.162,.149,.070,.025,.017																	
C		1658.	3.	4.	430.	186.	31729.	3005.	69.	76798.	165.	19.	.2	.03	900.	47.	2.7	216.	66.
C		2216.	7.	5.	348.	136.	28058.	4583.	93.	44975.	207.	20.	.2	.23	553.	98.	2.4	301.	107.
C		3680.	12.	7.	2376.	251.	44391.	5732.	87.	43726.	292.	30.	.2	.26	609.	49.	2.9	906.	99.
C		6493.	17.	12.	3360.	432.	93594.	7009.	157.	53583.	422.	46.	2.7	.36	900.	82.	6.0	1818.	165.
C		6635.	21.	19.	1939.	425.	103202.	5803.	244.	44301.	303.	37.	4.7	.80	898.	95.	7.4	1534.	218.
S	7/31	8007310920,3,.29,3.7																	
F	7/31	800731,59.25,.382,.178,.178,.145,.069,.027,.020																	
C		1635.	3.	4.	476.	189.	32292.	2925.	67.	74665.	162.	19.	.2	.04	888.	46.	2.8	213.	66.
C		2211.	7.	4.	349.	142.	26603.	4171.	85.	41123.	190.	18.	.2	.30	530.	87.	2.3	283.	97.
C		3571.	15.	6.	1855.	241.	40909.	4559.	74.	35436.	234.	25.	.2	.36	552.	41.	2.8	868.	80.
C		6404.	28.	9.	2435.	383.	90112.	5261.	129.	41338.	320.	35.	1.7	.50	840.	70.	5.3	1678.	121.
C		6565.	42.	14.	1868.	402.	115268.	4235.	197.	36566.	243.	30.	3.3	1.04	857.	84.	6.6	1452.	164.
R	8/ 2	8008021400,4.9,2.2,.08,300																	
S	8/ 4	8008040730,4,.29,5.7																	
F	8/ 4	800804,76.78,.356,.178,.173,.154,.077,.031,.028																	
C		1627.	3.	4.	456.	186.	31985.	2936.	67.	75289.	162.	19.	.2	.03	888.	46.	2.7	213.	66.
C		2235.	7.	5.	360.	147.	27154.	4350.	87.	42636.	198.	19.	.2	.33	545.	91.	2.3	290.	101.
C		3706.	13.	7.	2142.	254.	43129.	5492.	84.	41044.	279.	29.	.2	.46	610.	46.	2.9	885.	95.
C		6545.	19.	11.	3154.	427.	93716.	7019.	155.	52415.	418.	45.	2.5	.54	921.	82.	5.8	1780.	161.
C		6654.	27.	18.	1919.	420.	106722.	5390.	231.	42367.	288.	35.	4.3	.91	891.	93.	7.2	1512.	204.
R	8/ 4	8008042300,2.3,.6,.09,120																	
S	8/ 7	8008070930,3,.29,18.3																	
S	8/11	8008110840,4,.29,29.4																	
R	8/11	8008110900,6.4,.1,.05,60																	
F	8/12	800812,83.13,.349,.172,.175,.158,.082,.034,.027																	
C		1650.	3.	4.	447.	187.	31935.	2976.	68.	76021.	164.	19.	.2	.03	896.	47.	2.7	215.	66.
C		2192.	7.	5.	338.	133.	27284.	4342.	88.	42873.	197.	19.	.2	.22	535.	92.	2.3	291.	102.
C		3560.	14.	6.	2012.	239.	41786.	4749.	77.	37341.	244.	26.	.2	.24	554.	42.	2.8	882.	83.
C		6357.	25.	10.	2638.	388.	90033.	5269.	130.	42558.	326.	36.	1.9	.32	821.	70.	5.5	1715.	125.
C		6369.	44.	13.	1859.	394.	115796.	3946.	190.	34628.	228.	28.	3.1	.85	830.	80.	6.7	1434.	153.
R	8/13	8008132100,2.5,2.7,1.84,1620																	
R	8/16	8008160600,1.3,5.1,.74,480																	

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	8/17	8008170900,.8,6.2,.13,60																	
R	8/18	8008180700,.9,7.2,.59,600																	
S	8/19	8008190830,8,.13,25.9																	
F	8/20	800820,80.09,.305,.159,.175,.186,.100,.040,.035																	
C			1686.	3.	4.	487.	195.	32599.	2981.	68.	75132.	167.	19.	.2	.04	901.	47.	2.8	215.	67.
C			2265.	7.	5.	373.	154.	27536.	4488.	89.	43718.	205.	20.	.2	.38	559.	93.	2.4	295.	104.
C			3722.	13.	7.	2123.	256.	43087.	5527.	84.	41030.	280.	29.	.2	.51	615.	46.	2.9	883.	95.
C			6539.	23.	11.	2858.	413.	92889.	6588.	148.	48994.	391.	42.	2.1	.64	913.	79.	5.5	1733.	148.
C			6709.	32.	17.	1904.	416.	109682.	5087.	222.	41065.	278.	34.	4.0	1.05	890.	91.	7.0	1498.	194.
S	8/22	8008220935,3,.29,35.7																	
S	8/25	8008250810,3,.29,44.2																	
F	8/25	800825,111.45,.270,.157,.176,.192,.111,.048,.044																	
C			1659.	3.	4.	417.	184.	31557.	3019.	69.	77276.	165.	19.	.2	.03	901.	47.	2.7	216.	66.
C			2214.	7.	5.	345.	133.	28478.	4699.	95.	46080.	212.	21.	.2	.20	558.	101.	2.4	306.	110.
C			3696.	12.	7.	2436.	252.	44803.	5879.	89.	44719.	299.	31.	.2	.26	617.	49.	2.9	911.	102.
C			6474.	17.	12.	3338.	430.	93293.	6870.	155.	52913.	415.	45.	2.7	.32	891.	81.	6.0	1817.	162.
C			6577.	22.	18.	1934.	423.	103660.	5680.	241.	43546.	297.	37.	4.6	.75	889.	94.	7.4	1526.	213.
S	8/28	8008280810,3,.29,47.5																	
F	8/28	800828,121.82,.248,.157,.188,.197,.108,.049,.051																	
C			1795.	3.	1.	934.	481.	33370.	4453.	71.	63369.	113.	19.	.2	.02	725.	42.	2.5	181.	56.
C			1757.	7.	4.	836.	121.	28020.	3708.	83.	45050.	180.	24.	.2	.02	519.	63.	1.9	307.	55.
C			2806.	10.	4.	1126.	219.	61022.	6505.	151.	48973.	283.	31.	7.2	.03	597.	64.	2.8	573.	86.
C			4545.	10.	6.	1773.	356.	95934.	7701.	146.	49716.	347.	43.	1.4	.02	841.	73.	5.1	1360.	135.
C			4691.	8.	3.	1769.	353.	137334.	5027.	166.	40916.	254.	33.	2.3	.16	869.	72.	10.4	1150.	161.
R	8/31	8008311000,12.7,3,.16,240																	
R	9/ 1	8009010300,.6,3.8,.42,660																	
R	9/ 2	8009020001,.5,4.9,.94,240																	
S	9/ 3	8009030905,6,.17,77																	
F	9/ 3	800903,104.81,.341,.179,.182,.165,.075,.026,.028																	
C			1760.	3.	1.	901.	480.	32723.	4463.	71.	63491.	114.	19.	.2	.02	726.	42.	2.5	180.	54.
C			1764.	7.	4.	843.	122.	28150.	3675.	82.	44648.	178.	24.	.2	.02	517.	62.	1.9	311.	55.
C			2802.	11.	3.	1115.	216.	61651.	6260.	152.	47274.	272.	30.	6.8	.03	585.	62.	2.8	564.	84.
C			4476.	12.	5.	1706.	341.	102229.	6555.	134.	43374.	303.	38.	1.2	.02	795.	68.	4.9	1320.	121.
C			4464.	10.	6.	1860.	331.	152971.	3454.	139.	32562.	188.	25.	1.3	.09	816.	63.	7.9	985.	120.
S	9/ 5	8009050805,2,.29,62.3																	
F	9/ 5	800905,110.61,.287,.167,.176,.183,.100,.041,.044																	
C			1798.	3.	1.	948.	478.	34325.	4412.	70.	62965.	113.	19.	.2	.02	723.	42.	2.5	180.	55.
C			1760.	7.	4.	849.	120.	28029.	3652.	82.	44384.	177.	23.	.2	.02	514.	62.	1.9	315.	55.
C			2794.	11.	3.	1116.	217.	61283.	6348.	153.	47891.	276.	30.	7.0	.03	589.	63.	2.8	567.	85.
C			4531.	10.	6.	1767.	353.	96686.	7593.	145.	49028.	343.	43.	1.4	.02	836.	73.	5.1	1355.	132.
C			4693.	7.	3.	1769.	353.	136873.	4989.	165.	40420.	253.	33.	2.3	.16	860.	72.	10.4	1152.	161.
R	9/ 5	8009051200,3.4,.1,.06,120																	
R	9/ 7	8009070900,1.8,2,.34,540																	
R	9/ 8	8009080800,.6,3.1,.03,60																	
S	9/ 9	8009090930,4,.29,16																	
S	9/12	8009120753,3,.29,56.3																	
F	9/12	800912,108.41,.280,.172,.184,.186,.095,.040,.043																	
C			1770.	3.	1.	920.	477.	33694.	4425.	71.	63110.	113.	19.	.2	.02	724.	42.	2.5	179.	54.
C			1750.	7.	4.	845.	118.	27796.	3671.	82.	44639.	178.	24.	.2	.02	516.	62.	1.9	314.	54.
C			2794.	10.	3.	1117.	218.	61194.	6377.	153.	48094.	277.	30.	7.1	.03	590.	63.	2.8	568.	85.
C			4536.	10.	6.	1765.	354.	96669.	7569.	145.	48978.	342.	43.	1.4	.02	836.	73.	5.1	1355.	133.
C			4670.	8.	3.	1777.	351.	138723.	4871.	163.	40025.	248.	32.	2.2	.15	862.	71.	10.1	1135.	157.
R	9/12	8009121200,4.2,.2,.06,60																	
R	9/13	8009130800,.8,1.1,.06,120																	
S	9/15	8009150752,3,.29,28.1																	

1980 STREET DIRT DATA FOR THE MATTIS AVENUE SOUTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	9/15	800915,76.87,.306,.170,.181,.171,.093,.039,.038																	
C		1933.	5.	1.	1120.	468.	40247.	4221.	70.	61004.	109.	20.	.2	.02	715.	42.	2.7	178.	59.
C		1846.	8.	4.	927.	132.	29907.	3304.	75.	40058.	163.	21.	.2	.02	486.	56.	1.9	359.	54.
C		2771.	15.	3.	1065.	205.	64092.	5222.	159.	40098.	225.	25.	5.1	.04	535.	54.	2.7	524.	75.
C		4437.	13.	5.	1656.	332.	106574.	5718.	125.	38887.	272.	34.	1.0	.02	763.	64.	4.8	1293.	113.
C		4560.	10.	4.	1820.	341.	146790.	4198.	153.	36932.	219.	29.	1.7	.12	852.	68.	8.8	1055.	139.
R	9/16	8009160300,2.8,.8,.83,300																	
R	9/16	8009161900,.5,1.5,.93,540																	
S	9/19	8009190745,4,.29,19																	
F	9/19	800919,100.14,.260,.166,.186,.191,.103,.041,.050																	
C		1795.	3.	1.	942.	478.	34034.	4423.	71.	63077.	113.	19.	.2	.02	724.	42.	2.5	180.	55.
C		1768.	7.	4.	850.	122.	28232.	3646.	82.	44292.	177.	23.	.2	.02	514.	62.	1.9	315.	55.
C		2787.	12.	3.	1103.	214.	61946.	6069.	155.	45962.	264.	29.	6.6	.03	575.	61.	2.7	556.	82.
C		4471.	11.	5.	1705.	341.	102413.	6538.	134.	43229.	303.	38.	1.2	.02	794.	68.	4.9	1318.	121.
C		4531.	9.	5.	1833.	337.	148286.	3895.	146.	34799.	207.	28.	1.6	.11	828.	65.	8.6	1033.	132.
S	9/21	8009210755,2,.29,20.3																	
F	9/22	800922,104.49,.241,.164,.177,.195,.111,.049,.060																	
C		1884.	4.	1.	984.	494.	32320.	4549.	70.	64232.	115.	20.	.2	.02	728.	42.	2.6	186.	61.
C		1887.	9.	3.	787.	161.	31502.	3856.	85.	46491.	193.	25.	.2	.02	539.	64.	2.0	261.	62.
C		3021.	11.	4.	1217.	224.	62905.	7047.	130.	52495.	300.	34.	7.0	.08	637.	68.	3.0	594.	101.
C		4696.	13.	5.	1779.	373.	91991.	7840.	150.	52300.	352.	44.	1.3	.02	865.	76.	5.3	1393.	159.
C		4679.	19.	1.	1756.	362.	143964.	6065.	203.	52277.	293.	40.	2.4	.19	1057.	83.	9.3	1145.	178.
S	9/25	8009250755,4,.29,29.1																	
F	9/25	800925,106.54,.259,.153,.172,.196,.116,.051,.052																	
C		1851.	4.	1.	1007.	476.	35997.	4366.	70.	62479.	112.	19.	.2	.02	721.	42.	2.6	180.	57.
C		1781.	7.	4.	859.	124.	28530.	3604.	81.	43765.	176.	23.	.2	.02	511.	61.	1.9	320.	55.
C		2793.	11.	3.	1112.	216.	61535.	6248.	153.	47204.	272.	30.	6.8	.03	584.	62.	2.8	563.	84.
C		4526.	10.	6.	1761.	352.	97185.	7500.	144.	48520.	339.	42.	1.4	.02	833.	72.	5.1	1351.	131.
C		4674.	8.	3.	1776.	351.	138443.	4909.	164.	40263.	249.	33.	2.2	.15	864.	72.	10.2	1138.	158.
S	9/29	8009290845,4,.29,23.7																	
F	9/29	800929,88.32,.248,.164,.176,.191,.112,.053,.054																	
C		2157.	4.	1.	1775.	190.	33367.	2161.	69.	52153.	152.	18.	.2	.02	772.	45.	.5	236.	68.
C		2273.	5.	3.	416.	184.	22935.	4132.	65.	42229.	272.	21.	.2	.02	505.	46.	.3	260.	73.
C		3347.	12.	5.	596.	264.	49406.	5437.	109.	40950.	291.	32.	.2	.02	579.	58.	.7	571.	110.
C		4830.	22.	8.	2327.	435.	87768.	8227.	160.	51878.	378.	46.	2.2	.16	902.	87.	1.7	1203.	147.
C		5182.	27.	20.	475.	439.	128300.	4049.	157.	30736.	240.	28.	1.7	.35	748.	86.	1.6	1004.	189.
R	10/ 1	8010011800,14.6,2.4,.56,240																	
S	10/ 2	8010020815,3,.29,16.7																	
S	10/ 6	8010060730,4,.29,34.7																	
S	10/ 9	8010090805,3,.29,14																	
F	10/ 9	801009,105.05,.245,.159,.175,.193,.116,.053,.056																	
C		2265.	5.	1.	1735.	214.	36980.	2172.	69.	51765.	152.	18.	.2	.03	762.	44.	.8	233.	71.
C		2313.	6.	3.	445.	187.	24725.	4050.	64.	41187.	264.	21.	.2	.02	496.	45.	.4	254.	73.
C		3374.	12.	5.	613.	260.	50351.	5357.	109.	40168.	288.	31.	.3	.02	567.	57.	.8	565.	109.
C		4864.	22.	7.	2573.	436.	89880.	8326.	159.	52334.	382.	46.	2.3	.16	909.	87.	1.8	1224.	147.
C		5242.	29.	19.	547.	442.	130985.	4234.	164.	32594.	246.	29.	1.8	.34	772.	89.	1.6	1028.	190.
S	10/13	8010130735,4,.29,7.7																	
F	10/13	801013,99.21,.237,.138,.168,.196,.125,.061,.072																	
C		2236.	5.	1.	1740.	213.	35714.	2146.	68.	51517.	151.	18.	.2	.02	762.	44.	.7	232.	70.
C		2297.	6.	3.	437.	187.	23995.	4025.	64.	41078.	263.	21.	.2	.02	495.	45.	.3	254.	72.
C		3352.	12.	5.	603.	260.	49700.	5334.	109.	40141.	286.	31.	.3	.02	569.	57.	.7	564.	109.
C		4821.	22.	8.	2411.	432.	88850.	8129.	158.	51399.	374.	46.	2.2	.16	900.	87.	1.7	1202.	145.
C		5213.	29.	19.	532.	440.	130202.	4108.	160.	31634.	241.	28.	1.7	.34	762.	87.	1.6	1011.	188.
R	10/14	8010141700,12.8,1.4,.06,60																	
R	10/17	8010170500,2.5,4,.47,120																	
R	10/17	8010172000,.6,4.7,.03,60																	

	TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F 10/20	801020,75.37,.332,.161,.181,.172,.088,.034,.029																	
C	2378.	7.	1.	1668.	262.	39473.	2081.	66.	49760.	146.	17.	.2	.03	739.	43.	1.0	223.	75.
C	2335.	6.	3.	480.	193.	25630.	3687.	60.	37759.	239.	22.	.2	.02	467.	43.	.4	236.	70.
C	3254.	14.	5.	589.	233.	47878.	4429.	104.	34028.	240.	26.	.4	.02	511.	49.	.8	504.	97.
C	4628.	25.	7.	2422.	403.	92296.	6907.	141.	45510.	325.	40.	1.9	.14	859.	78.	1.8	1126.	129.
C	5260.	35.	19.	766.	435.	136951.	3923.	162.	32520.	228.	28.	1.7	.33	790.	86.	1.6	982.	177.
S 10/20	8010200900,7,.14,29																	
F 10/20	801020,57.62,.337,.174,.170,.159,.088,.036,.034																	
C	2322.	6.	1.	1695.	244.	37910.	2100.	67.	50353.	147.	18.	.2	.03	747.	43.	.8	227.	73.
C	2324.	6.	3.	475.	193.	25130.	3660.	60.	37600.	238.	22.	.2	.02	466.	42.	.4	235.	70.
C	3224.	15.	5.	579.	230.	47137.	4288.	103.	33170.	232.	26.	.3	.02	505.	48.	.7	494.	96.
C	4553.	25.	7.	2271.	395.	91905.	6513.	136.	43630.	309.	38.	1.8	.15	844.	76.	1.7	1092.	124.
C	5218.	37.	19.	849.	428.	138555.	3548.	154.	30801.	212.	26.	1.5	.32	782.	81.	1.7	931.	168.
S 10/23	8010230800,3,.29,13.7																	
F 10/23	801023,66.59,.291,.157,.177,.179,.105,.045,.044																	
C	2297.	6.	1.	1699.	243.	36826.	2076.	66.	50102.	146.	17.	.2	.02	747.	43.	.7	226.	73.
C	2299.	6.	3.	458.	191.	23997.	3697.	61.	38123.	243.	21.	.2	.02	471.	43.	.3	238.	70.
C	3246.	14.	5.	579.	239.	47434.	4570.	104.	35135.	246.	27.	.3	.02	525.	51.	.7	513.	99.
C	4640.	24.	7.	2268.	408.	90372.	7063.	144.	46279.	331.	41.	1.9	.15	862.	80.	1.7	1126.	131.
C	5188.	33.	19.	675.	432.	133602.	3711.	153.	30310.	222.	27.	1.5	.33	762.	82.	1.7	956.	177.
R 10/24	8010240900,6.5,1,.39,300																	
S 10/27	8010270800,4,.29,54.8																	
R 10/27	8010271000,2.9,.1,.47,1320																	
S 10/30	8010300800,3,.29,94.2																	
F 10/30	801030,66.26,.314,.154,.171,.166,.097,.045,.051																	
C	2356.	6.	1.	1697.	238.	39780.	2166.	68.	51190.	151.	18.	.2	.03	752.	44.	1.1	229.	73.
C	2351.	6.	3.	478.	192.	26419.	3890.	62.	39452.	251.	22.	.2	.02	481.	44.	.5	245.	72.
C	3318.	14.	5.	607.	242.	49390.	4773.	106.	36172.	258.	28.	.4	.02	528.	52.	.8	527.	101.
C	4692.	24.	7.	2531.	410.	92395.	7257.	145.	47190.	339.	41.	2.1	.15	873.	80.	1.9	1154.	133.
C	5271.	31.	19.	639.	441.	133771.	4212.	166.	33278.	243.	29.	1.9	.33	786.	89.	1.6	1023.	187.
S 11/ 3	8011030800,4,.29,97.8																	
F 11/ 3	801103,73.55,.287,.154,.178,.179,.102,.048,.049																	
C	2330.	5.	1.	1724.	217.	39802.	2235.	70.	52403.	156.	19.	.2	.03	762.	45.	1.2	234.	72.
C	2372.	5.	3.	476.	190.	27446.	4137.	65.	41517.	264.	22.	.2	.02	499.	46.	.6	256.	74.
C	3405.	13.	5.	631.	255.	51375.	5295.	109.	39493.	286.	30.	.4	.02	556.	55.	.9	561.	108.
C	4826.	23.	7.	2695.	427.	91885.	8023.	154.	50862.	369.	44.	2.3	.15	901.	85.	1.9	1212.	143.
C	5331.	29.	18.	587.	448.	133221.	4626.	175.	35535.	260.	31.	2.1	.34	802.	94.	1.5	1080.	196.
S 11/ 6	8011060800,3,.29,59.9																	
F 11/ 6	801106,68.46,.284,.146,.171,.184,.109,.048,.056																	
C	2523.	7.	1.	1647.	264.	45931.	2234.	68.	51384.	156.	19.	.2	.03	742.	44.	1.8	226.	76.
C	2420.	6.	3.	517.	195.	29630.	3960.	63.	39545.	250.	23.	.2	.02	482.	45.	.7	245.	73.
C	3395.	13.	5.	636.	246.	51406.	5028.	108.	37571.	273.	28.	.5	.02	536.	53.	1.0	543.	104.
C	4826.	24.	7.	2856.	424.	93665.	7944.	152.	50467.	366.	43.	2.3	.14	900.	84.	2.0	1217.	141.
C	5378.	32.	17.	692.	448.	136614.	4675.	180.	36811.	259.	31.	2.2	.33	823.	95.	1.5	1084.	193.
S 11/10	8011100800,4,.29,62.1																	
S 11/13	8011130845,3,.29,11																	
F 11/13	801113,88.88,.253,.161,.173,.175,.105,.050,.074																	
S 11/17	8011170800,4,.29,62																	
F 11/17	801117,47.62,.352,.149,.162,.162,.100,.039,.034																	
S 11/20	8011200800,3,.29,17.8																	
F 11/21	801121,63.04,.308,.158,.170,.169,.104,.043,.047																	
R 11/23	8011230300,25.9,2.8,.28,600																	
R 11/29	8011290900,6.1,9.1,.5,540																	

1981 STREET DIRT DATA FOR THE MATTIS AVENUE SOUTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	3/29	8103291000	24.5	2.9	.1	20													
R	4/ 3	8104030900	5	7.9	.06	30													
R	4/ 3	8104031900	.4	8.3	.43	420													
F	4/ 6	8104060800	101.3	.321	.132	.152	.185	.099	.040	.067									
C			2671.	5.	3.	1535.	186.	58987.	216.	15.	28130.	88.	21.	.4	.02	662.	22.	5.9	129.	89.
C			2187.	7.	2.	460.	192.	59251.	2689.	201.	25488.	184.	13.	.4	.03	409.	350.	3.3	169.	65.
C			2828.	10.	3.	1031.	193.	32906.	2898.	53.	24189.	290.	26.	.8	.07	496.	38.	4.7	780.	61.
C			4836.	29.	2.	2097.	312.	70026.	3568.	98.	31340.	458.	40.	3.6	.26	843.	39.	8.9	1561.	107.
C			4185.	18.	10.	1735.	361.	68388.	1854.	75.	21014.	355.	30.	3.5	.15	745.	39.	7.2	662.	124.
S	4/ 6	8104061000	13	.08	61.1														
F	4/ 6	8104061100	97.3	.345	.132	.142	.170	.096	.042	.069									
C			2274.	3.	2.	428.	612.	56661.	1114.	12.	30475.	211.	17.	.2	.01	555.	18.	4.4	127.	69.
C			1995.	5.	2.	197.	161.	39691.	2608.	21.	24116.	135.	23.	.2	.02	407.	18.	2.8	213.	53.
C			3832.	7.	2.	1077.	158.	38856.	2935.	106.	27453.	281.	24.	.7	.03	494.	29.	3.6	1273.	82.
C			6526.	10.	3.	3117.	514.	154156.	3974.	144.	35114.	431.	41.	1.8	.13	827.	46.	7.6	2694.	132.
C			4364.	11.	12.	1424.	384.	58600.	722.	108.	23066.	362.	33.	3.1	.16	715.	39.	6.9	676.	160.
R	4/ 8	8104080900	4.3	2	.08	10													
R	4/ 9	8104090001	.6	2.6	.05	20													
R	4/10	8104100400	1.1	3.8	.54	150													
R	4/10	8104101500	.4	4.2	.67	30													
R	4/11	8104110600	.6	4.8	.38	570													
R	4/11	8104112200	.2	5.5	.41	630													
R	4/13	8104131100	1.1	7	.21	60													
R	4/14	8104140001	.5	7.6	.23	70													
F	4/15	8104150800	135.2	.326	.135	.169	.187	.104	.039	.038									
C			2671.	5.	3.	1534.	186.	58981.	216.	15.	28139.	88.	21.	.4	.02	663.	22.	5.9	129.	89.
C			2201.	7.	2.	449.	197.	61402.	2521.	180.	24460.	173.	13.	.4	.02	401.	308.	3.4	168.	61.
C			2910.	12.	3.	1144.	208.	33411.	2730.	56.	23178.	273.	24.	.8	.07	465.	34.	4.4	830.	54.
C			4904.	30.	3.	2182.	315.	71873.	3232.	99.	29661.	410.	37.	3.5	.30	808.	38.	8.1	1603.	93.
C			4185.	18.	10.	1733.	360.	69242.	1825.	75.	20910.	352.	30.	3.5	.14	743.	38.	7.2	669.	123.
S	4/15	8104151000	9	.11	40.4														
F	4/15	8104151100	88.7	.272	.144	.173	.193	.111	.047	.059									
C			2265.	3.	2.	417.	580.	55208.	1098.	12.	30652.	215.	17.	.2	.01	556.	18.	4.5	128.	69.
C			1999.	5.	2.	198.	162.	40127.	2581.	21.	24031.	134.	22.	.2	.02	406.	18.	2.7	212.	53.
C			3813.	7.	2.	1047.	160.	38031.	2881.	103.	27083.	277.	24.	.7	.03	489.	28.	3.5	1265.	80.
C			6523.	10.	3.	3103.	513.	153437.	3961.	144.	35630.	430.	41.	1.8	.13	826.	46.	7.6	2692.	131.
C			4381.	11.	12.	1421.	384.	57901.	699.	109.	23235.	365.	34.	3.1	.17	716.	39.	7.0	680.	163.
R	4/19	8104190600	5.2	3.8	.49	640													
S	4/20	8104201000	5	.2	11.8														
R	4/22	8104220400	2.5	1.8	.77	640													
S	4/27	8104271000	7	.14	21.5														
R	4/28	8104281700	6.1	1.3	.47	160													
R	4/29	8104291400	.7	2.2	.17	480													
R	4/30	8104302100	1	3.5	.04	20													
F	5/ 4	8105040800	139.1	.298	.152	.171	.174	.097	.040	.065									
C			2670.	5.	3.	1510.	185.	58852.	209.	15.	28325.	89.	21.	.4	.02	665.	22.	5.9	130.	90.
C			2194.	7.	2.	455.	195.	60320.	2605.	191.	24978.	178.	13.	.4	.02	405.	329.	3.4	169.	63.
C			2872.	11.	3.	1092.	201.	33178.	2807.	54.	23644.	281.	25.	.8	.07	479.	36.	4.6	807.	57.
C			4875.	29.	2.	2146.	314.	71092.	3374.	98.	30371.	430.	38.	3.5	.28	823.	39.	8.5	1586.	99.
C			4185.	18.	10.	1734.	360.	69089.	1830.	75.	20929.	353.	30.	3.5	.14	743.	38.	7.2	667.	123.
S	5/ 4	8105041000	7	.14	25.7														

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	5/ 4	8105041100	101.0	.266	.133	.165	.187	.118	.055	.075									
C		2272.	3.	2.	425.	604.	56302.	1110.	12.	30519.	212.	17.	.2	.01	555.	18.	4.4	127.	69.
C		2017.	6.	2.	203.	171.	42438.	2440.	21.	23581.	131.	22.	.2	.02	403.	18.	2.7	207.	51.
C		3738.	9.	2.	933.	170.	34862.	2674.	93.	25662.	262.	22.	.7	.03	472.	26.	3.2	1238.	71.
C		6390.	14.	3.	2599.	467.	126207.	3451.	130.	32445.	391.	37.	2.1	.11	794.	42.	6.7	2620.	110.
C		4328.	12.	12.	1429.	384.	60146.	773.	105.	22754.	355.	32.	3.0	.15	714.	38.	6.7	668.	154.
R	5/ 5	8105050900	4.5	1	.8	560													
F	5/ 8	8105080800	110.0	.000	.000	.000	.000	.000	.000	.000									
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
R	5/ 9	8105091400	3.8	5.2	.52	200													
R	5/10	8105101300	.8	6.1	.84	750													
S	5/13	8105131000	9	.11	25														
R	5/13	8105131700	2.6	.3	1.02	1570													
R	5/17	8105171700	2.9	4.3	1.2	930													
F	5/20	8105200800	106.8	.292	.151	.176	.176	.092	.038	.072									
C		2667.	4.	3.	1382.	182.	58178.	173.	15.	29299.	92.	23.	.5	.02	678.	23.	5.9	135.	91.
C		2178.	6.	2.	467.	190.	58079.	2781.	212.	26049.	189.	13.	.4	.03	414.	372.	3.3	170.	67.
C		2802.	10.	3.	996.	189.	32750.	2950.	52.	24500.	295.	27.	.8	.06	505.	39.	4.8	765.	64.
C		4798.	29.	2.	2047.	311.	68963.	3761.	98.	32307.	485.	41.	3.6	.23	863.	39.	9.4	1537.	115.
C		4188.	12.	10.	1755.	368.	59228.	2159.	73.	22124.	392.	33.	3.6	.19	776.	39.	7.1	593.	141.
S	5/20	8105201000	7	.14	28.1														
F	5/20	8105201100	74.7	.278	.141	.180	.191	.103	.040	.064									
C		2292.	3.	2.	449.	678.	59659.	1148.	13.	30108.	204.	17.	.2	.02	555.	18.	4.3	125.	68.
C		2006.	6.	2.	200.	166.	41032.	2526.	21.	23855.	133.	22.	.2	.02	405.	18.	2.7	210.	52.
C		3820.	7.	2.	1057.	160.	38318.	2900.	104.	27212.	278.	24.	.7	.03	491.	29.	3.6	1268.	81.
C		6568.	9.	2.	3278.	529.	162852.	4137.	148.	36731.	443.	42.	1.7	.13	837.	47.	7.9	2716.	138.
C		4532.	6.	11.	1400.	385.	51356.	481.	120.	24638.	393.	37.	3.4	.20	723.	41.	7.7	714.	189.
F	5/26	8105260800	89.6	.304	.153	.177	.174	.091	.037	.061									
C		2673.	5.	3.	1599.	188.	59323.	234.	14.	27644.	86.	20.	.4	.02	656.	22.	5.9	127.	89.
C		2197.	7.	2.	452.	196.	60810.	2567.	186.	24743.	176.	13.	.4	.02	403.	320.	3.4	169.	62.
C		2884.	11.	3.	1107.	203.	33247.	2784.	55.	23506.	278.	25.	.8	.07	475.	35.	4.5	814.	56.
C		4877.	29.	2.	2148.	314.	71134.	3367.	98.	30333.	429.	38.	3.5	.29	822.	39.	8.5	1587.	98.
C		4186.	16.	10.	1743.	363.	64691.	1977.	74.	21462.	370.	31.	3.5	.16	758.	39.	7.2	634.	131.
S	5/26	8105261000	6	.17	26.4														
F	5/26	8105261100	89.5	.290	.141	.186	.183	.098	.041	.059									
C		2364.	4.	1.	536.	941.	71596.	1283.	15.	28649.	176.	17.	.2	.02	552.	18.	4.1	116.	63.
C		2039.	7.	2.	210.	181.	45289.	2266.	20.	23027.	126.	20.	.2	.02	399.	17.	2.5	202.	48.
C		3721.	9.	2.	907.	173.	34134.	2626.	90.	25336.	258.	22.	.8	.03	468.	26.	3.2	1232.	69.
C		6451.	12.	3.	2831.	488.	138744.	3686.	136.	33912.	409.	39.	2.0	.12	809.	44.	7.1	2653.	120.
C		4431.	9.	11.	1414.	384.	55714.	626.	112.	23704.	374.	35.	3.2	.18	719.	40.	7.2	691.	172.
F	5/28	8105280800	95.4	.299	.154	.173	.168	.096	.041	.068									
C		2673.	5.	3.	1594.	188.	59299.	233.	14.	27679.	86.	20.	.4	.02	657.	22.	5.9	127.	89.
C		2197.	7.	2.	452.	196.	60738.	2573.	187.	24777.	176.	13.	.4	.02	404.	321.	3.4	169.	62.
C		2870.	11.	3.	1088.	201.	33163.	2812.	54.	23675.	281.	25.	.8	.07	480.	36.	4.6	805.	58.
C		4848.	29.	2.	2111.	313.	70336.	3512.	98.	31058.	450.	39.	3.5	.26	837.	39.	8.8	1569.	104.
C		4187.	14.	10.	1749.	366.	61797.	2073.	74.	21812.	381.	32.	3.6	.18	767.	39.	7.1	612.	136.
R	5/29	8105292100	11.5	3.5	.15	40													
R	6/ 1	8106011200	2.6	6.2	.03	40													
R	6/ 3	8106030200	1.6	7.7	.05	20													

1981 STREET DIRT DATA FOR THE MATTIS AVENUE SOUTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	6/ 4	8106040800	98.4	.338	.145	.181	.182	.083	.031	.039									
C		2224.	11.	2.	725.	189.	30985.	1161.	19.	46597.	381.	28.	.2	.02	660.	21.	3.2	127.	69.
C		2385.	14.	2.	205.	122.	30824.	2955.	38.	32470.	228.	30.	.6	.02	489.	83.	14.7	179.	52.
C		3437.	15.	2.	621.	103.	29692.	1075.	28.	29308.	305.	27.	.5	.03	514.	25.	18.0	647.	56.
C		5249.	29.	5.	4232.	466.	108227.	4392.	68.	38279.	487.	44.	2.3	.07	809.	52.	7.7	1460.	99.
C		4869.	13.	15.	1406.	335.	97141.	3090.	79.	25770.	426.	35.	2.4	.10	730.	45.	6.3	674.	151.
R	6/ 8	8106082200	5.8	13.5	.1	190													
F	6/11	8106110800	129.4	.322	.148	.171	.174	.091	.039	.051									
C		2123.	8.	2.	574.	191.	28074.	1224.	20.	48559.	405.	30.	.2	.02	673.	22.	3.0	131.	66.
C		2300.	12.	2.	200.	121.	27304.	3119.	42.	33878.	241.	33.	.7	.02	504.	81.	16.0	183.	50.
C		3446.	13.	3.	625.	109.	28324.	939.	30.	30676.	312.	29.	.5	.03	517.	27.	20.0	655.	59.
C		5255.	27.	5.	4636.	496.	110461.	4640.	68.	39934.	508.	47.	2.5	.07	815.	54.	8.2	1492.	104.
C		4862.	12.	15.	1405.	336.	96806.	3132.	80.	25951.	430.	35.	2.4	.10	731.	46.	6.3	672.	153.
R	6/12	8106120900	3.3	17	.45	260													
R	6/13	8106130800	.8	17.9	.06	10													
R	6/13	8106131700	.4	18.3	.31	50													
R	6/15	8106152100	2.1	20.5	.78	100													
F	6/18	8106180800	139.9	.302	.147	.177	.187	.101	.041	.042									
C		2050.	7.	2.	466.	192.	25999.	1270.	21.	49957.	421.	31.	.2	.02	683.	23.	2.8	134.	64.
C		2207.	10.	2.	195.	119.	23477.	3298.	46.	35409.	256.	35.	.7	.02	521.	79.	17.5	187.	48.
C		3459.	11.	3.	632.	118.	26321.	740.	33.	32679.	322.	31.	.4	.03	522.	28.	23.0	666.	63.
C		5264.	23.	6.	5242.	542.	113812.	5012.	69.	42416.	540.	51.	2.8	.08	824.	56.	8.8	1541.	111.
C		4844.	11.	15.	1401.	337.	95979.	3233.	83.	26396.	441.	36.	2.4	.10	733.	46.	6.3	669.	156.
R	6/21	8106210500	5.3	25.8	.17	90													
R	6/21	8106212200	.7	26.5	1.42	70													
R	6/24	8106240600	2.3	28.8	.31	90													
F	6/25	8106250800	104.9	.000	.000	.000	.000	.000	.000	.000									
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
F	7/ 1	8107010800	153.7	.348	.153	.177	.159	.071	.034	.041									
R	7/ 4	8107040700	10	38.9	1.85	1130													
F	7/ 7	8107070800	150.1	.323	.144	.174	.171	.082	.031	.051									
R	7/ 9	8107092000	4.8	44.4	.1	10													
F	7/10	8107100800	140.5	.340	.136	.155	.164	.100	.053	.049									
R	7/14	8107140200	4.2	48.7	.03	30													
R	7/15	8107150500	1.1	49.8	.57	240													
F	7/16	8107160800	230.7	.323	.138	.170	.177	.093	.039	.050									
R	7/19	8107190001	3.6	53.6	1.22	730													
R	7/19	8107192300	.5	54.5	.2	100													
F	7/22	8107220800	191.8	.357	.133	.155	.189	.074	.037	.044									
F	7/24	8107240800	243.3	.292	.154	.180	.174	.102	.045	.049									
R	7/26	8107260001	6	60.6	1.17	60													
R	7/26	8107261000	.4	61	.08	70													
R	7/27	8107270300	.7	61.7	.89	380													
R	7/27	8107272000	.4	62.4	.38	440													
F	7/30	8107300800	175.7	.286	.163	.165	.178	.111	.046	.040									
R	8/ 2	8108022100	5.7	68.5	.17	210													
F	8/ 5	8108050800	190.9	.313	.152	.185	.195	.071	.029	.045									
R	8/ 5	8108051300	2.5	71.1	1.65	340													
R	8/ 9	8108091900	4	75.4	2.49	80													
F	8/12	8108120800	196.6	.357	.163	.150	.172	.072	.038	.046									
F	8/14	8108140800	216.9	.340	.164	.151	.178	.071	.041	.046									
R	8/14	8108141500	4.8	80.2	.38	30													

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	8/15	8108150001	.4	80.6	1.69	630													
S	8/18	8108180800	84	.01	124														
R	8/26	8108261400	11.1	8.3	.48	90													
R	8/27	8108271500	1	9.3	1.36	690													
R	8/29	8108292300	1.8	11.6	.38	50													
R	8/30	8108302300	1	12.6	.06	50													

1980 STREET DIRT DATA FOR THE JAMES AND DANIEL BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	4/29	8004290500,21.3,20,.04,180																	
F	5/ 5	800505,77.17,.000,.000,.000,.000,.000,.000,.000,.000																	
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
F	5/ 8	800508,64.33,.041,.151,.212,.110,.279,.122,.055,.029																	
C		26200.	24.	1.	8410.	1500.	508000.	38.	13.	5800.	77.	2.	.2	.06	220.	20.	15.0	1420.	1200.
C		26900.	33.	1.	9000.	1100.	590000.	133.	19.	5000.	92.	4.	.2	.13	210.	14.	20.0	2270.	1400.
C		2560.	5.	1.	4120.	833.	410000.	710.	10.	16100.	120.	1.	.9	.06	350.	10.	17.0	750.	350.
C		11880.	6.	1.	4000.	500.	310000.	2100.	65.	32000.	340.	35.	.2	.11	570.	45.	8.0	1480.	290.
C		9630.	3.	1.	5000.	600.	570000.	2260.	73.	32000.	420.	39.	3.9	.17	810.	62.	10.0	1760.	240.
C		8000.	38.	5.	5000.	500.	490000.	1040.	110.	19600.	300.	33.	.9	.23	620.	52.	8.0	1150.	240.
R	5/12	8005120600,13,33,.53,120																	
R	5/12	8005122200,.6,33.7,.49,180																	
F	5/16	800516,54.50,.049,.224,.218,.082,.253,.109,.040,.025																	
C		26200.	24.	1.	8410.	1500.	508000.	38.	13.	5800.	77.	2.	.2	.06	220.	20.	15.0	1420.	1200.
C		26900.	33.	1.	9000.	1100.	590000.	133.	19.	5000.	92.	4.	.2	.13	210.	14.	20.0	2270.	1400.
C		2560.	5.	1.	4120.	833.	410000.	710.	10.	16100.	120.	1.	.9	.06	350.	10.	17.0	750.	350.
C		11880.	6.	1.	4000.	500.	310000.	2100.	65.	32000.	340.	35.	.2	.11	570.	45.	8.0	1480.	290.
C		9630.	3.	1.	5000.	600.	570000.	2260.	73.	32000.	420.	39.	3.9	.17	810.	62.	10.0	1760.	240.
C		8000.	38.	5.	5000.	500.	490000.	1040.	110.	19600.	300.	33.	.9	.23	620.	52.	8.0	1150.	240.
R	5/16	8005161200,3.5,37.3,.15,600																	
R	5/17	8005171000,.5,38.2,.86,840																	
R	5/19	8005191400,1.6,40.4,.35,360																	
R	5/23	8005230100,3.2,43.9,.36,600																	
R	5/24	8005241600,1.3,45.6,.23,180																	
F	5/27	800527,37.92,.050,.272,.272,.087,.215,.063,.022,.010																	
C		26200.	24.	1.	8410.	1500.	508000.	38.	13.	5800.	77.	2.	.2	.06	220.	20.	15.0	1420.	1200.
C		26900.	33.	1.	9000.	1100.	590000.	133.	19.	5000.	92.	4.	.2	.13	210.	14.	20.0	2270.	1400.
C		2560.	5.	1.	4120.	833.	410000.	710.	10.	16100.	120.	1.	.9	.06	350.	10.	17.0	750.	350.
C		11880.	6.	1.	4000.	500.	310000.	2100.	65.	32000.	340.	35.	.2	.11	570.	45.	8.0	1480.	290.
C		9630.	3.	1.	5000.	600.	570000.	2260.	73.	32000.	420.	39.	3.9	.17	810.	62.	10.0	1760.	240.
C		8000.	38.	5.	5000.	500.	490000.	1040.	110.	19600.	300.	33.	.9	.23	620.	52.	8.0	1150.	240.
R	5/30	8005301000,5.7,51.4,.31,540																	
R	6/ 1	8006010500,.5,52.4,.6,720																	
R	6/ 2	8006020400,.5,53.4,1.72,540																	
F	6/ 4	800604,23.73,.066,.276,.172,.069,.240,.101,.041,.026																	
C		7410.	57.	2.	2540.	330.	350000.	5.	13.	16900.	62.	5.	1.0	.02	620.	25.	53.0	400.	230.
C		5560.	12.	1.	2320.	835.	37000.	270.	48.	18600.	220.	12.	.2	.61	350.	25.	19.0	290.	160.
C		3790.	10.	1.	1900.	252.	65000.	720.	27.	19000.	150.	6.	.2	.02	390.	25.	9.0	430.	68.
C		6710.	63.	4.	1770.	357.	88000.	2880.	110.	30000.	380.	31.	2.1	.11	520.	43.	8.9	2180.	98.
C		4340.	33.	17.	2730.	486.	160000.	1520.	270.	21000.	340.	56.	4.2	.11	600.	100.	8.2	1040.	110.
C		7240.	120.	1.	4520.	722.	290000.	370.	200.	37000.	490.	48.	6.7	.20	830.	88.	15.0	2980.	190.
F	6/ 9	800609,41.98,.046,.296,.197,.078,.221,.091,.035,.027																	
C		7410.	57.	2.	2540.	330.	350000.	5.	13.	16900.	62.	5.	1.0	.02	620.	25.	53.0	400.	230.
C		5560.	12.	1.	2320.	835.	37000.	270.	48.	18600.	220.	12.	.2	.61	350.	25.	19.0	290.	160.
C		3790.	10.	1.	1900.	252.	65000.	720.	27.	19000.	150.	6.	.2	.02	390.	25.	9.0	430.	68.
C		6710.	63.	4.	1770.	357.	88000.	2880.	110.	30000.	380.	31.	2.1	.11	520.	43.	8.9	2180.	98.
C		4340.	33.	17.	2730.	486.	160000.	1520.	270.	21000.	340.	56.	4.2	.11	600.	100.	8.2	1040.	110.
C		7240.	120.	1.	4520.	722.	290000.	370.	200.	37000.	490.	48.	6.7	.20	830.	88.	15.0	2980.	190.

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	6/12	800612,25.60,.025,.228,.205,.078,.242,.107,.045,.055																	
C		7410.	57.	2.	2540.	330.	350000.	5.	13.	16900.	62.	5.	1.0	.02	620.	25.	53.0	400.	230.
C		5560.	12.	1.	2320.	835.	37000.	270.	48.	18600.	220.	12.	.2	.61	350.	25.	19.0	290.	160.
C		3790.	10.	1.	1900.	252.	65000.	720.	27.	19000.	150.	6.	.2	.02	390.	25.	9.0	430.	68.
C		6710.	63.	4.	1770.	357.	88000.	2880.	110.	30000.	380.	31.	2.1	.11	520.	43.	8.9	2180.	98.
C		4340.	33.	17.	2730.	486.	160000.	1520.	270.	21000.	340.	56.	4.2	.11	600.	100.	8.2	1040.	110.
C		7240.	120.	1.	4520.	722.	290000.	370.	200.	37000.	490.	48.	6.7	.20	830.	88.	15.0	2980.	190.
R	6/15	8006150100,12.5,66.3,.38,360																	
R	6/15	8006151900,.5,67.1,.09,180																	
F	6/17	800617,19.73,.083,.300,.214,.074,.195,.066,.026,.023																	
C		7410.	57.	2.	2540.	330.	350000.	5.	13.	16900.	62.	5.	1.0	.02	620.	25.	53.0	400.	230.
C		5560.	12.	1.	2320.	835.	37000.	270.	48.	18600.	220.	12.	.2	.61	350.	25.	19.0	290.	160.
C		3790.	10.	1.	1900.	252.	65000.	720.	27.	19000.	150.	6.	.2	.02	390.	25.	9.0	430.	68.
C		6710.	63.	4.	1770.	357.	88000.	2880.	110.	30000.	380.	31.	2.1	.11	520.	43.	8.9	2180.	98.
C		4340.	33.	17.	2730.	486.	160000.	1520.	270.	21000.	340.	56.	4.2	.11	600.	100.	8.2	1040.	110.
C		7240.	120.	1.	4520.	722.	290000.	370.	200.	37000.	490.	48.	6.7	.20	830.	88.	15.0	2980.	190.
F	6/19	800619,17.63,.066,.214,.203,.080,.235,.098,.041,.035																	
C		7410.	57.	2.	2540.	330.	350000.	5.	13.	16900.	62.	5.	1.0	.02	620.	25.	53.0	400.	230.
C		5560.	12.	1.	2320.	835.	37000.	270.	48.	18600.	220.	12.	.2	.61	350.	25.	19.0	290.	160.
C		3790.	10.	1.	1900.	252.	65000.	720.	27.	19000.	150.	6.	.2	.02	390.	25.	9.0	430.	68.
C		6710.	63.	4.	1770.	357.	88000.	2880.	110.	30000.	380.	31.	2.1	.11	520.	43.	8.9	2180.	98.
C		4340.	33.	17.	2730.	486.	160000.	1520.	270.	21000.	340.	56.	4.2	.11	600.	100.	8.2	1040.	110.
C		7240.	120.	1.	4520.	722.	290000.	370.	200.	37000.	490.	48.	6.7	.20	830.	88.	15.0	2980.	190.
R	6/23	8006230600,7.4,74.6,1.04,420																	
F	6/25	800625,19.33,.073,.268,.194,.087,.234,.074,.028,.018																	
C		7410.	57.	2.	2540.	330.	350000.	5.	13.	16900.	62.	5.	1.0	.02	620.	25.	53.0	400.	230.
C		5560.	12.	1.	2320.	835.	37000.	270.	48.	18600.	220.	12.	.2	.61	350.	25.	19.0	290.	160.
C		3790.	10.	1.	1900.	252.	65000.	720.	27.	19000.	150.	6.	.2	.02	390.	25.	9.0	430.	68.
C		6710.	63.	4.	1770.	357.	88000.	2880.	110.	30000.	380.	31.	2.1	.11	520.	43.	8.9	2180.	98.
C		4340.	33.	17.	2730.	486.	160000.	1520.	270.	21000.	340.	56.	4.2	.11	600.	100.	8.2	1040.	110.
C		7240.	120.	1.	4520.	722.	290000.	370.	200.	37000.	490.	48.	6.7	.20	830.	88.	15.0	2980.	190.
R	6/28	8006280400,4.7,79.6,.26,120																	
F	6/30	800630,16.43,.303,.177,.176,.174,.080,.031,.045																	
C		6010.	7.	2.	3180.	473.	360000.	560.	21.	20500.	300.	10.	.2	.10	530.	20.	18.0	310.	100.
C		3900.	2.	36.	2530.	668.	91000.	1430.	19.	22000.	170.	18.	.2	.07	380.	23.	9.3	410.	55.
C		5860.	23.	11.	1720.	405.	130000.	2450.	63.	30000.	400.	22.	.2	.02	540.	65.	9.6	1490.	72.
C		7350.	45.	19.	4000.	800.	460000.	2270.	130.	34000.	480.	28.	2.3	.02	760.	61.	10.0	2230.	120.
C		5870.	25.	35.	3400.	645.	170000.	1430.	210.	22000.	350.	25.	2.9	.32	570.	68.	14.0	1080.	140.
F	7/ 2	800702,22.93,.306,.150,.176,.189,.088,.031,.037																	
C		6010.	7.	2.	3180.	473.	360000.	560.	21.	20500.	300.	10.	.2	.10	530.	20.	18.0	310.	100.
C		3900.	2.	36.	2530.	668.	91000.	1430.	19.	22000.	170.	18.	.2	.07	380.	23.	9.3	410.	55.
C		5860.	23.	11.	1720.	405.	130000.	2450.	63.	30000.	400.	22.	.2	.02	540.	65.	9.6	1490.	72.
C		7350.	45.	19.	4000.	800.	460000.	2270.	130.	34000.	480.	28.	2.3	.02	760.	61.	10.0	2230.	120.
C		5870.	25.	35.	3400.	645.	170000.	1430.	210.	22000.	350.	25.	2.9	.32	570.	68.	14.0	1080.	140.
F	7/ 7	800707,21.90,.075,.100,.195,.269,.192,.081,.080																	
C		6010.	7.	2.	3180.	473.	360000.	560.	21.	20500.	300.	10.	.2	.10	530.	20.	18.0	310.	100.
C		3900.	2.	36.	2530.	668.	91000.	1430.	19.	22000.	170.	18.	.2	.07	380.	23.	9.3	410.	55.
C		5860.	23.	11.	1720.	405.	130000.	2450.	63.	30000.	400.	22.	.2	.02	540.	65.	9.6	1490.	72.
C		7350.	45.	19.	4000.	800.	460000.	2270.	130.	34000.	480.	28.	2.3	.02	760.	61.	10.0	2230.	120.
C		5870.	25.	35.	3400.	645.	170000.	1430.	210.	22000.	350.	25.	2.9	.32	570.	68.	14.0	1080.	140.
F	7/10	800710,42.50,.437,.143,.130,.132,.067,.031,.044																	
C		6010.	7.	2.	3180.	473.	360000.	560.	21.	20500.	300.	10.	.2	.10	530.	20.	18.0	310.	100.
C		3900.	2.	36.	2530.	668.	91000.	1430.	19.	22000.	170.	18.	.2	.07	380.	23.	9.3	410.	55.
C		5860.	23.	11.	1720.	405.	130000.	2450.	63.	30000.	400.	22.	.2	.02	540.	65.	9.6	1490.	72.
C		7350.	45.	19.	4000.	800.	460000.	2270.	130.	34000.	480.	28.	2.3	.02	760.	61.	10.0	2230.	120.
C		5870.	25.	35.	3400.	645.	170000.	1430.	210.	22000.	350.	25.	2.9	.32	570.	68.	14.0	1080.	140.

1980 STREET DIRT DATA FOR THE JAMES AND DANIEL BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	7/22	800722,73.98,.425,.154,.158,.132,.066,.032,.032																	
C		6110.	6.	1.	7750.	630.	197000.	220.	45.	19600.	150.	7.	.2	.02	430.	31.	19.1	201.	85.
C		5550.	6.	5.	7610.	355.	153000.	1900.	148.	26300.	100.	14.	.2	.02	500.	57.	6.5	326.	71.
C		6380.	64.	15.	7450.	606.	118000.	2730.	104.	31900.	160.	19.	.2	.02	620.	51.	9.2	1370.	74.
C		7780.	100.	20.	4510.	1000.	227000.	2780.	132.	33900.	230.	24.	3.0	.20	750.	69.	13.1	1960.	103.
C		5530.	100.	18.	4060.	832.	162000.	1850.	175.	24900.	150.	24.	3.0	.21	650.	53.	9.3	1090.	131.
F	7/25	800725,66.55,.352,.178,.174,.139,.073,.038,.043																	
C		6110.	6.	1.	7750.	630.	197000.	220.	45.	19600.	150.	7.	.2	.02	430.	31.	19.1	201.	85.
C		5550.	6.	5.	7610.	355.	153000.	1900.	148.	26300.	100.	14.	.2	.02	500.	57.	6.5	326.	71.
C		6380.	64.	15.	7450.	606.	118000.	2730.	104.	31900.	160.	19.	.2	.02	620.	51.	9.2	1370.	74.
C		7780.	100.	20.	4510.	1000.	227000.	2780.	132.	33900.	230.	24.	3.0	.20	750.	69.	13.1	1960.	103.
C		5530.	100.	18.	4060.	832.	162000.	1850.	175.	24900.	150.	24.	3.0	.21	650.	53.	9.3	1090.	131.
R	7/26	8007261900,28.5,108.2,.14,300																	
R	7/27	8007271100,.5,108.9,.88,360																	
F	7/29	800729,23.90,.451,.154,.159,.136,.054,.022,.022																	
C		6110.	6.	1.	7750.	630.	197000.	220.	45.	19600.	150.	7.	.2	.02	430.	31.	19.1	201.	85.
C		5550.	6.	5.	7610.	355.	153000.	1900.	148.	26300.	100.	14.	.2	.02	500.	57.	6.5	326.	71.
C		6380.	64.	15.	7450.	606.	118000.	2730.	104.	31900.	160.	19.	.2	.02	620.	51.	9.2	1370.	74.
C		7780.	100.	20.	4510.	1000.	227000.	2780.	132.	33900.	230.	24.	3.0	.20	750.	69.	13.1	1960.	103.
C		5530.	100.	18.	4060.	832.	162000.	1850.	175.	24900.	150.	24.	3.0	.21	650.	53.	9.3	1090.	131.
F	8/ 1	800801,52.33,.257,.121,.149,.195,.126,.069,.079																	
C		6110.	6.	1.	7750.	630.	197000.	220.	45.	19600.	150.	7.	.2	.02	430.	31.	19.1	201.	85.
C		5550.	6.	5.	7610.	355.	153000.	1900.	148.	26300.	100.	14.	.2	.02	500.	57.	6.5	326.	71.
C		6380.	64.	15.	7450.	606.	118000.	2730.	104.	31900.	160.	19.	.2	.02	620.	51.	9.2	1370.	74.
C		7780.	100.	20.	4510.	1000.	227000.	2780.	132.	33900.	230.	24.	3.0	.20	750.	69.	13.1	1960.	103.
C		5530.	100.	18.	4060.	832.	162000.	1850.	175.	24900.	150.	24.	3.0	.21	650.	53.	9.3	1090.	131.
R	8/ 2	8008021400,4.9,114.1,.08,240																	
R	8/ 4	8008042300,2.3,116.6,.09,120																	
F	8/ 6	800806,53.20,.457,.201,.160,.100,.043,.019,.018																	
C		6110.	6.	1.	7750.	630.	197000.	220.	45.	19600.	150.	7.	.2	.02	430.	31.	19.1	201.	85.
C		5550.	6.	5.	7610.	355.	153000.	1900.	148.	26300.	100.	14.	.2	.02	500.	57.	6.5	326.	71.
C		6380.	64.	15.	7450.	606.	118000.	2730.	104.	31900.	160.	19.	.2	.02	620.	51.	9.2	1370.	74.
C		7780.	100.	20.	4510.	1000.	227000.	2780.	132.	33900.	230.	24.	3.0	.20	750.	69.	13.1	1960.	103.
C		5530.	100.	18.	4060.	832.	162000.	1850.	175.	24900.	150.	24.	3.0	.21	650.	53.	9.3	1090.	131.
R	8/11	8008110900,6.4,123.1,.04,60																	
F	8/13	800813,41.13,.396,.127,.142,.159,.089,.042,.040																	
C		6110.	6.	1.	7750.	630.	197000.	220.	45.	19600.	150.	7.	.2	.02	430.	31.	19.1	201.	85.
C		5550.	6.	5.	7610.	355.	153000.	1900.	148.	26300.	100.	14.	.2	.02	500.	57.	6.5	326.	71.
C		6380.	64.	15.	7450.	606.	118000.	2730.	104.	31900.	160.	19.	.2	.02	620.	51.	9.2	1370.	74.
C		7780.	100.	20.	4510.	1000.	227000.	2780.	132.	33900.	230.	24.	3.0	.20	750.	69.	13.1	1960.	103.
C		5530.	100.	18.	4060.	832.	162000.	1850.	175.	24900.	150.	24.	3.0	.21	650.	53.	9.3	1090.	131.
R	8/13	8008132100,2.5,125.7,1.8,1620																	
R	8/16	8008160600,1.3,128.1,.71,480																	
R	8/17	8008170900,.8,129.2,.13,60																	
R	8/18	8008180700,.9,130.2,.6,600																	
F	8/21	800821,22.95,.317,.136,.145,.188,.115,.049,.044																	
C		6110.	6.	1.	7750.	630.	197000.	220.	45.	19600.	150.	7.	.2	.02	430.	31.	19.1	201.	85.
C		5550.	6.	5.	7610.	355.	153000.	1900.	148.	26300.	100.	14.	.2	.02	500.	57.	6.5	326.	71.
C		6380.	64.	15.	7450.	606.	118000.	2730.	104.	31900.	160.	19.	.2	.02	620.	51.	9.2	1370.	74.
C		7780.	100.	20.	4510.	1000.	227000.	2780.	132.	33900.	230.	24.	3.0	.20	750.	69.	13.1	1960.	103.
C		5530.	100.	18.	4060.	832.	162000.	1850.	175.	24900.	150.	24.	3.0	.21	650.	53.	9.3	1090.	131.

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	8/26	800826,47.38,.232,.151,.193,.205,.112,.051,.050																	
C		6110.	6.	1.	7750.	630.	197000.	220.	45.	19600.	150.	7.	.2	.02	430.	31.	19.1	201.	85.
C		5550.	6.	5.	7610.	355.	153000.	1900.	148.	26300.	100.	14.	.2	.02	500.	57.	6.5	326.	71.
C		6380.	64.	15.	7450.	606.	118000.	2730.	104.	31900.	160.	19.	.2	.02	620.	51.	9.2	1370.	74.
C		7780.	100.	20.	4510.	1000.	227000.	2780.	132.	33900.	230.	24.	3.0	.20	750.	69.	13.1	1960.	103.
C		5530.	100.	18.	4060.	832.	162000.	1850.	175.	24900.	150.	24.	3.0	.21	650.	53.	9.3	1090.	131.
F	8/29	800829,59.23,.329,.151,.189,.156,.085,.043,.045																	
C		16050.	82.	1.	2480.	629.	180000.	3800.	36.	18200.	60.	12.	.2	.02	540.	23.	10.4	1090.	825.
C		5400.	10.	2.	3260.	420.	82000.	1420.	49.	25100.	80.	15.	.2	.10	400.	35.	7.6	347.	190.
C		4450.	44.	9.	7260.	561.	133000.	1930.	75.	28700.	240.	15.	.2	.11	570.	48.	8.3	814.	66.
C		5830.	80.	12.	8140.	934.	109000.	2730.	152.	37400.	250.	36.	5.0	.02	760.	69.	12.0	1400.	81.
C		5420.	75.	16.	4640.	683.	162000.	1540.	158.	29500.	170.	23.	2.0	.13	680.	60.	8.0	1350.	113.
R	8/31	8008311000,12.7,143.3,.15,240																	
R	9/ 1	8009010300,.6,144.1,.43,660																	
R	9/ 2	8009020001,.5,145.2,.89,240																	
F	9/ 4	800904,15.38,.349,.144,.151,.172,.093,.038,.043																	
C		16050.	82.	1.	2480.	629.	180000.	3800.	36.	18200.	60.	12.	.2	.02	540.	23.	10.4	1090.	825.
C		5400.	10.	2.	3260.	420.	82000.	1420.	49.	25100.	80.	15.	.2	.10	400.	35.	7.6	347.	190.
C		4450.	44.	9.	7260.	561.	133000.	1930.	75.	28700.	240.	15.	.2	.11	570.	48.	8.3	814.	66.
C		5830.	80.	12.	8140.	934.	109000.	2730.	152.	37400.	250.	36.	5.0	.02	760.	69.	12.0	1400.	81.
C		5420.	75.	16.	4640.	683.	162000.	1540.	158.	29500.	170.	23.	2.0	.13	680.	60.	8.0	1350.	113.
R	9/ 5	8009051200,3.4,148.8,.07,120																	
R	9/ 7	8009070900,1.8,150.7,.26,540																	
R	9/ 8	8009080800,.6,151.8,.02,60																	
F	9/11	800911,38.18,.105,.092,.204,.270,.194,.076,.053																	
C		16050.	82.	1.	2480.	629.	180000.	3800.	36.	18200.	60.	12.	.2	.02	540.	23.	10.4	1090.	825.
C		5400.	10.	2.	3260.	420.	82000.	1420.	49.	25100.	80.	15.	.2	.10	400.	35.	7.6	347.	190.
C		4450.	44.	9.	7260.	561.	133000.	1930.	75.	28700.	240.	15.	.2	.11	570.	48.	8.3	814.	66.
C		5830.	80.	12.	8140.	934.	109000.	2730.	152.	37400.	250.	36.	5.0	.02	760.	69.	12.0	1400.	81.
C		5420.	75.	16.	4640.	683.	162000.	1540.	158.	29500.	170.	23.	2.0	.13	680.	60.	8.0	1350.	113.
R	9/12	8009121200,4.2,156.1,.05,60																	
R	9/13	8009130800,.8,157,.05,120																	
R	9/16	8009160300,2.8,159.9,.8,300																	
R	9/16	8009161900,.5,160.6,.92,540																	
F	9/18	800918,42.73,.496,.142,.142,.110,.055,.025,.025																	
C		16050.	82.	1.	2480.	629.	180000.	3800.	36.	18200.	60.	12.	.2	.02	540.	23.	10.4	1090.	825.
C		5400.	10.	2.	3260.	420.	82000.	1420.	49.	25100.	80.	15.	.2	.10	400.	35.	7.6	347.	190.
C		4450.	44.	9.	7260.	561.	133000.	1930.	75.	28700.	240.	15.	.2	.11	570.	48.	8.3	814.	66.
C		5830.	80.	12.	8140.	934.	109000.	2730.	152.	37400.	250.	36.	5.0	.02	760.	69.	12.0	1400.	81.
C		5420.	75.	16.	4640.	683.	162000.	1540.	158.	29500.	170.	23.	2.0	.13	680.	60.	8.0	1350.	113.
F	9/23	800923,37.78,.374,.155,.181,.149,.076,.032,.027																	
C		16050.	82.	1.	2480.	629.	180000.	3800.	36.	18200.	60.	12.	.2	.02	540.	23.	10.4	1090.	825.
C		5400.	10.	2.	3260.	420.	82000.	1420.	49.	25100.	80.	15.	.2	.10	400.	35.	7.6	347.	190.
C		4450.	44.	9.	7260.	561.	133000.	1930.	75.	28700.	240.	15.	.2	.11	570.	48.	8.3	814.	66.
C		5830.	80.	12.	8140.	934.	109000.	2730.	152.	37400.	250.	36.	5.0	.02	760.	69.	12.0	1400.	81.
C		5420.	75.	16.	4640.	683.	162000.	1540.	158.	29500.	170.	23.	2.0	.13	680.	60.	8.0	1350.	113.
F	9/26	800926,30.23,.000,.000,.000,.000,.000,.000,.000																	
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
R	10/ 1	8010011800,14.6,1.3,.51,240																	

1980 STREET DIRT DATA FOR THE JAMES AND DANIEL BASIN

	TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F 10/ 2	801002,15.88,.290,.115,.146,.214,.125,.056,.049																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
F 10/ 3	801003,16.53,.312,.126,.143,.188,.119,.055,.051																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
F 10/ 6	801006,16.73,.441,.092,.111,.155,.108,.043,.042																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
F 10/ 7	801007,25.80,.318,.150,.152,.167,.108,.051,.050																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
F 10/ 8	801008,24.00,.443,.105,.116,.144,.099,.046,.045																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
F 10/10	801010,22.65,.415,.113,.129,.140,.096,.050,.054																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
F 10/14	801014,47.28,.405,.151,.146,.125,.075,.037,.058																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
R 10/14	8010141700,12.8,14.3,.08,60																	
F 10/15	801015,77.18,.651,.112,.099,.087,.036,.010,.006																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
R 10/17	8010170500,2.5,16.9,.45,120																	
R 10/17	8010172000,.6,17.6,.03,60																	

	TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F 10/21	801021,133.60,.857,.029,.041,.036,.021,.010,.005																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
R 10/24	8010240900,6.5,24.2,.35,240																	
R 10/27	8010271000,2.8,27.3,.47,1260																	
F 10/31	801031,70.73,.480,.165,.172,.124,.047,.011,.004																	
C	17530.	700.	1.	23700.	1340.	760000.	250.	46.	12800.	140.	6.	.2	.02	390.	23.	35.1	1040.	463.
C	11780.	370.	1.	5690.	1990.	446000.	1220.	59.	19800.	170.	9.	.2	.02	430.	31.	14.4	987.	254.
C	8880.	760.	1.	6210.	1140.	226000.	2290.	86.	29300.	180.	20.	.2	.02	540.	54.	11.9	686.	203.
C	9220.	680.	1.	7750.	1570.	377000.	2580.	151.	31700.	260.	30.	2.0	.12	690.	77.	15.5	671.	285.
C	8250.	750.	1.	11000.	1100.	265000.	1780.	122.	27100.	180.	29.	.2	.19	650.	67.	14.9	834.	370.
R 11/23	8011230300,25.9,54.2,.27,600																	
R 11/29	8011290900,6.1,4.8,.31,480																	

1981 STREET DIRT DATA FOR THE JAMES AND DANIEL BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	3/29	8103291000	24.5	4.1	.1	20													
R	4/ 3	8104030900	4.9	9	.11	30													
R	4/ 3	8104031900	.4	9.4	.44	450													
R	4/ 8	8104080900	4.3	14	.07	10													
R	4/ 9	8104090001	.6	14.6	.06	20													
R	4/10	8104100400	1.1	15.8	.5	150													
R	4/10	8104101500	.4	16.3	.76	30													
R	4/11	8104110600	.6	16.9	.77	1560													
R	4/13	8104131100	1.1	19.1	.21	60													
R	4/14	8104140001	.5	19.6	.21	60													
R	4/19	8104190600	5.2	24.9	.31	640													
R	4/22	8104220400	2.5	27.8	.68	650													
F	4/28	8104280900	123.8	.469	.138	.119	.116	.059	.028	.071									
C		15780.	109.	1.	6570.	380.	394000.	200.	7.	12000.	94.	8.	.2	.07	370.	12.	14.4	286.	1500.
C		8270.	42.	1.	5440.	350.	247000.	460.	7.	13000.	98.	11.	.2	.03	320.	7.	13.5	227.	105.
C		9140.	136.	1.	4100.	674.	177000.	1600.	63.	22000.	290.	18.	.5	.11	490.	21.	14.7	1130.	1500.
C		10230.	176.	5.	5260.	1030.	130000.	1900.	55.	30000.	370.	36.	2.0	.13	800.	44.	20.9	1610.	1850.
C		7220.	107.	30.	4080.	620.	122000.	620.	40.	18000.	220.	26.	.2	.13	450.	29.	14.1	597.	980.
R	4/28	8104281700	6.1	34.4	.5	190													
R	4/29	8104291400	.7	35.2	.15	440													
R	4/30	8104302100	1	36.5	.04	20													
R	5/ 5	8105050900	4.5	41	.67	570													
F	5/ 7	8105070900	56.2	.000	.000	.000	.000	.000	.000	.000									
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
R	5/ 9	8105091400	3.8	45.2	.51	190													
R	5/10	8105101300	.8	46.2	.73	770													
R	5/13	8105131700	2.6	49.4	1.19	1550													
R	5/17	8105171700	2.9	53.4	1.17	910													
F	5/21	8105210900	91.6	.468	.136	.132	.137	.065	.024	.037									
C		15780.	109.	1.	6570.	380.	394000.	200.	7.	12000.	94.	8.	.2	.07	370.	12.	14.4	286.	1500.
C		8270.	42.	1.	5440.	350.	247000.	460.	7.	13000.	98.	11.	.2	.03	320.	7.	13.5	227.	105.
C		9140.	136.	1.	4100.	674.	177000.	1600.	63.	22000.	290.	18.	.5	.11	490.	21.	14.7	1130.	1500.
C		10230.	176.	5.	5260.	1030.	130000.	1900.	55.	30000.	370.	36.	2.0	.13	800.	44.	20.9	1610.	1850.
C		7220.	107.	30.	4080.	620.	122000.	620.	40.	18000.	220.	26.	.2	.13	450.	29.	14.1	597.	980.
F	5/27	8105270900	51.6	.365	.159	.133	.151	.087	.037	.063									
C		15780.	109.	1.	6570.	380.	394000.	200.	7.	12000.	94.	8.	.2	.07	370.	12.	14.4	286.	1500.
C		8270.	42.	1.	5440.	350.	247000.	460.	7.	13000.	98.	11.	.2	.03	320.	7.	13.5	227.	105.
C		9140.	136.	1.	4100.	674.	177000.	1600.	63.	22000.	290.	18.	.5	.11	490.	21.	14.7	1130.	1500.
C		10230.	176.	5.	5260.	1030.	130000.	1900.	55.	30000.	370.	36.	2.0	.13	800.	44.	20.9	1610.	1850.
C		7220.	107.	30.	4080.	620.	122000.	620.	40.	18000.	220.	26.	.2	.13	450.	29.	14.1	597.	980.
F	5/29	8105290900	81.8	.360	.114	.159	.182	.090	.037	.052									
C		15780.	109.	1.	6570.	380.	394000.	200.	7.	12000.	94.	8.	.2	.07	370.	12.	14.4	286.	1500.
C		8270.	42.	1.	5440.	350.	247000.	460.	7.	13000.	98.	11.	.2	.03	320.	7.	13.5	227.	105.
C		9140.	136.	1.	4100.	674.	177000.	1600.	63.	22000.	290.	18.	.5	.11	490.	21.	14.7	1130.	1500.
C		10230.	176.	5.	5260.	1030.	130000.	1900.	55.	30000.	370.	36.	2.0	.13	800.	44.	20.9	1610.	1850.
C		7220.	107.	30.	4080.	620.	122000.	620.	40.	18000.	220.	26.	.2	.13	450.	29.	14.1	597.	980.
R	5/29	8105292100	11.5	65.5	.15	50													

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	6/ 1	8106010900	136.8	.269	.103	.139	.206	.121	.059	.099									
C		5100.	6.	0.	2500.	308.	100000.	470.	9.	20000.	210.	11.	.2	.03	510.	16.	10.2	104.	219.
C		3610.	16.	2.	1550.	176.	475000.	840.	10.	21000.	150.	11.	.2	.04	410.	16.	6.4	193.	187.
C		5090.	49.	4.	1320.	378.	220000.	2200.	45.	27000.	260.	21.	.5	.05	520.	28.	6.1	1130.	204.
C		6570.	88.	7.	4840.	680.	246000.	2000.	59.	25000.	330.	33.	2.4	.17	800.	50.	10.0	1710.	293.
C		4960.	87.	14.	2080.	428.	129000.	1200.	43.	20000.	280.	30.	10.0	.13	620.	41.	8.1	534.	240.
R	6/ 1	8106011200	2.6	.1	.09	190													
R	6/ 3	8106030200	1.5	1.6	.05	30													
F	6/ 8	8106080900	109.5	.349	.139	.149	.172	.092	.041	.054									
C		5100.	6.	1.	2500.	308.	100000.	470.	9.	20000.	210.	11.	.2	.03	510.	16.	10.2	104.	219.
C		3610.	16.	2.	1550.	176.	475000.	840.	10.	21000.	150.	11.	.2	.04	410.	16.	6.4	193.	187.
C		5090.	49.	4.	1320.	378.	220000.	2200.	45.	27000.	260.	21.	.5	.05	520.	28.	6.1	1130.	204.
C		6570.	88.	7.	4840.	680.	246000.	2000.	59.	25000.	330.	33.	2.4	.17	800.	50.	10.0	1710.	293.
C		4960.	87.	14.	2080.	428.	129000.	1200.	43.	20000.	280.	30.	10.0	.13	620.	41.	8.1	534.	240.
F	6/ 8	8106081300	52.6	.391	.093	.116	.156	.098	.053	.090									
C		7580.	18.	1.	4650.	200.	277000.	280.	11.	22000.	250.	15.	1.0	.07	480.	17.	21.9	220.	204.
C		4560.	47.	11.	8340.	419.	255000.	1600.	110.	20000.	120.	11.	.2	.08	370.	100.	8.0	228.	106.
C		4950.	91.	10.	9110.	551.	255000.	2300.	26.	28000.	320.	30.	1.0	.13	520.	34.	20.2	1090.	55.
C		6340.	129.	10.	9760.	652.	215000.	2600.	59.	29000.	370.	32.	3.3	.23	790.	63.	22.0	1520.	87.
C		5040.	83.	24.	3830.	480.	94000.	1400.	49.	23000.	300.	29.	1.0	.28	630.	37.	12.0	739.	94.
R	6/ 8	8106082200	5.8	.5	.12	180													
R	6/12	8106120900	3.3	3.9	.38	260													
R	6/13	8106130800	.8	4.9	.12	10													
R	6/13	8106131700	.4	5.3	.28	50													
R	6/15	8106152100	2.1	7.4	.79	90													
F	6/17	8106170900	21.9	.422	.175	.133	.130	.076	.035	.032									
C		5100.	6.	1.	2500.	308.	100000.	470.	9.	20000.	210.	11.	.2	.03	510.	16.	10.2	104.	219.
C		3610.	16.	2.	1550.	176.	475000.	840.	10.	21000.	150.	11.	.2	.04	410.	16.	6.4	193.	187.
C		5090.	49.	4.	1320.	378.	220000.	2200.	45.	27000.	260.	21.	.5	.05	520.	28.	6.1	1130.	204.
C		6570.	88.	7.	4840.	680.	246000.	2000.	59.	25000.	330.	33.	2.4	.17	800.	50.	10.0	1710.	293.
C		4960.	87.	14.	2080.	428.	129000.	1200.	43.	20000.	280.	30.	10.0	.13	620.	41.	8.1	534.	240.
F	6/17	8106171300	26.2	.423	.115	.115	.144	.094	.042	.058									
C		7580.	18.	1.	4650.	200.	277000.	280.	11.	22000.	250.	15.	1.0	.07	480.	17.	21.9	220.	204.
C		4560.	47.	11.	8340.	419.	255000.	1600.	110.	20000.	120.	11.	.2	.08	370.	100.	8.0	228.	106.
C		4950.	91.	10.	9110.	551.	255000.	2300.	26.	28000.	320.	30.	1.0	.13	520.	34.	20.2	1090.	55.
C		6340.	129.	10.	9760.	652.	215000.	2600.	59.	29000.	370.	32.	3.3	.23	790.	63.	22.0	1520.	87.
C		5040.	83.	24.	3830.	480.	94000.	1400.	49.	23000.	300.	29.	1.0	.28	630.	37.	12.0	739.	94.
F	6/19	8106190900	36.9	.379	.114	.132	.157	.095	.050	.067									
C		5100.	6.	1.	2500.	308.	100000.	470.	9.	20000.	210.	11.	.2	.03	510.	16.	10.2	104.	219.
C		3610.	16.	2.	1550.	176.	475000.	840.	10.	21000.	150.	11.	.2	.04	410.	16.	6.4	193.	187.
C		5090.	49.	4.	1320.	378.	220000.	2200.	45.	27000.	260.	21.	.5	.05	520.	28.	6.1	1130.	204.
C		6570.	88.	7.	4840.	680.	246000.	2000.	59.	25000.	330.	33.	2.4	.17	800.	50.	10.0	1710.	293.
C		4960.	87.	14.	2080.	428.	129000.	1200.	43.	20000.	280.	30.	10.0	.13	620.	41.	8.1	534.	240.
R	6/21	8106210500	5.3	3.8	.15	80													
R	6/21	8106212200	.7	4.5	1.57	70													
F	6/23	8106230900	60.4	.484	.155	.132	.120	.060	.025	.023									
C		5100.	6.	1.	2500.	308.	100000.	470.	9.	20000.	210.	11.	.2	.03	510.	16.	10.2	104.	219.
C		3610.	16.	2.	1550.	176.	475000.	840.	10.	21000.	150.	11.	.2	.04	410.	16.	6.4	193.	187.
C		5090.	49.	4.	1320.	378.	220000.	2200.	45.	27000.	260.	21.	.5	.05	520.	28.	6.1	1130.	204.
C		6570.	88.	7.	4840.	680.	246000.	2000.	59.	25000.	330.	33.	2.4	.17	800.	50.	10.0	1710.	293.
C		4960.	87.	14.	2080.	428.	129000.	1200.	43.	20000.	280.	30.	10.0	.13	620.	41.	8.1	534.	240.
F	6/23	8106231300	28.8	.187	.117	.176	.241	.136	.063	.077									
C		7580.	18.	1.	4650.	200.	277000.	280.	11.	22000.	250.	15.	1.0	.07	480.	17.	21.9	220.	204.
C		4560.	47.	11.	8340.	419.	255000.	1600.	110.	20000.	120.	11.	.2	.08	370.	100.	8.0	228.	106.
C		4950.	91.	10.	9110.	551.	255000.	2300.	26.	28000.	320.	30.	1.0	.13	520.	34.	20.2	1090.	55.
C		6340.	129.	10.	9760.	652.	215000.	2600.	59.	29000.	370.	32.	3.3	.23	790.	63.	22.0	1520.	87.
C		5040.	83.	24.	3830.	480.	94000.	1400.	49.	23000.	300.	29.	1.0	.28	630.	37.	12.0	739.	94.
R	6/24	8106240600	2.3	.8	.26	70													

1981 STREET DIRT DATA FOR THE JAMES AND DANIEL BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	6/24	8106242000	.5	1.4	.1	90													
F	6/26	8106260900	25.6	.000	.000	.000	.000	.000	.000										
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
F	6/29	8106290900	33.4	.152	.154	.205	.233	.140	.055	.055									
C		5100.	6.	1.	2500.	308.	100000.	470.	9.	20000.	210.	11.	.2	.03	510.	16.	10.2	104.	219.
C		3610.	16.	2.	1550.	176.	475000.	840.	10.	21000.	150.	11.	.2	.04	410.	16.	6.4	193.	187.
C		5090.	49.	4.	1320.	378.	220000.	2200.	45.	27000.	260.	21.	.5	.05	520.	28.	6.1	1130.	204.
C		6570.	88.	7.	4840.	680.	246000.	2000.	59.	25000.	330.	33.	2.4	.17	800.	50.	10.0	1710.	293.
C		4960.	87.	14.	2080.	428.	129000.	1200.	43.	20000.	280.	30.	10.0	.13	620.	41.	8.1	534.	240.
F	6/29	8106291300	49.7	.362	.116	.153	.176	.090	.044	.056									
C		7580.	18.	1.	4650.	200.	277000.	280.	11.	22000.	250.	15.	1.0	.07	480.	17.	21.9	220.	204.
C		4560.	47.	11.	8340.	419.	255000.	1600.	110.	20000.	120.	11.	.2	.08	370.	100.	8.0	228.	106.
C		4950.	91.	10.	9110.	551.	255000.	2300.	26.	28000.	320.	30.	1.0	.13	520.	34.	20.2	1090.	55.
C		6340.	129.	10.	9760.	652.	215000.	2600.	59.	29000.	370.	32.	3.3	.23	790.	63.	22.0	1520.	87.
C		5040.	83.	24.	3830.	480.	94000.	1400.	49.	23000.	300.	29.	1.0	.28	630.	37.	12.0	739.	94.
F	7/ 2	8107020900	82.8	.415	.136	.170	.129	.067	.033	.047									
R	7/ 4	8107040700	9.4	4.8	1.85	1150													
F	7/ 6	8107060900	24.1	.279	.187	.148	.182	.101	.053	.039									
F	7/ 6	8107061300	42.7	.366	.077	.134	.156	.091	.071	.091									
F	7/ 9	8107090900	44.6	.368	.160	.146	.133	.098	.062	.020									
R	7/ 9	8107092000	4.7	3.4	.06	10													
F	7/13	8107130900	98.3	.270	.121	.162	.194	.129	.040	.073									
F	7/13	8107131300	39.4	.371	.131	.138	.145	.110	.041	.048									
R	7/15	8107150500	5.3	1.8	.49	230													
F	7/17	8107170900	36.1	.410	.147	.140	.147	.063	.045	.050									
R	7/19	8107190001	3.6	5.5	1.19	730													
R	7/19	8107192300	.4	6.5	.2	120													
F	7/21	8107210900	37.7	.343	.100	.121	.164	.114	.050	.093									
F	7/21	8107211300	19.9	.403	.088	.132	.166	.102	.044	.058									
F	7/23	8107230900	26.6	.306	.144	.152	.076	.099	.053	.152									
R	7/26	8107260001	6	4.5	1.19	60													
R	7/26	8107261000	.4	5	.08	70													
R	7/27	8107270300	.7	5.7	.89	370													
R	7/27	8107272000	.5	6.4	.38	300													
F	7/29	8107290900	21.6	.330	.112	.084	.140	.118	.097	.097									
F	7/29	8107291300	19.7	.215	.086	.182	.188	.093	.055	.182									
F	7/31	8107310900	20.5	.393	.098	.111	.141	.092	.059	.085									
R	8/ 2	8108022100	5.7	4.4	.17	210													
F	8/ 4	8108040900	27.7	.260	.054	.109	.146	.219	.100	.090									
F	8/ 4	8108041300	16.3	.194	.116	.157	.211	.149	.087	.070									
R	8/ 5	8108051300	2.5	1.1	1.72	300													
F	8/ 7	8108070900	22.3	.169	.175	.184	.202	.112	.060	.079									
R	8/ 9	8108091900	4	5.3	2.73	80													
F	8/11	8108110900	20.0	.266	.185	.175	.192	.067	.042	.057									
F	8/11	8108111300	28.2	.299	.106	.166	.173	.113	.060	.067									
F	8/13	8108130900	44.3	.000	.000	.000	.000	.000	.000	.000									
R	8/14	8108141500	4.8	3.2	.29	30													
R	8/15	8108150001	.4	3.5	1.57	330													
R	8/26	8108261400	11.3	2.1	.53	100													
R	8/27	8108271500	1	3.2	1.35	690													
R	8/29	8108292300	1.8	5.5	.43	50													
R	8/30	8108302300	1	6.5	.07	70													

1980 STREET DIRT DATA FOR THE JOHN STREET SOUTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	4/29	8004290500,21.3,20,.04,180																	
F	5/ 5	800505,47.01,.039,.161,.179,.080,.249,.117,.054,.038																	
C		13626.	16.	1.	8466.	1641.	589042.	130.	21.	15083.	106.	3.	.2	.08	460.	16.	32.6	908.	159.
C		10240.	10.	1.	9644.	1193.	305531.	689.	20.	16307.	228.	9.	.2	.08	435.	18.	36.0	565.	330.
C		5545.	11.	1.	2569.	499.	180753.	843.	22.	19364.	160.	15.	.2	.04	487.	29.	13.7	403.	107.
C		8362.	74.	1.	2954.	583.	186939.	1504.	40.	23016.	347.	28.	.7	.12	537.	41.	10.4	2485.	108.
C		9726.	151.	8.	4008.	672.	269281.	1757.	84.	27650.	416.	33.	2.2	.16	780.	62.	16.0	3281.	137.
C		7101.	103.	6.	3628.	619.	165177.	644.	90.	19940.	342.	29.	1.0	.21	628.	57.	10.7	1241.	151.
F	5/ 8	800508,51.77,.041,.175,.193,.086,.261,.124,.058,.052																	
C		14722.	18.	1.	9028.	1682.	597236.	113.	20.	14687.	102.	3.	.2	.08	445.	16.	32.0	966.	206.
C		11466.	12.	1.	10031.	1216.	327603.	682.	20.	15656.	223.	9.	.2	.08	415:	18.	36.3	690.	407.
C		5389.	10.	1.	2682.	518.	191754.	831.	21.	19147.	158.	14.	.2	.04	480.	28.	13.9	425.	122.
C		8569.	70.	1.	3010.	582.	192763.	1524.	41.	23453.	345.	29.	.7	.12	538.	40.	10.3	2424.	119.
C		9788.	145.	7.	4050.	672.	286221.	1769.	84.	27807.	415.	33.	2.3	.16	782.	62.	15.6	3235.	143.
C		7168.	102.	5.	3692.	617.	175708.	677.	91.	19935.	340.	29.	1.0	.20	629.	57.	10.6	1234.	155.
R	5/12	8005120600,13,33,.53,120																	
R	5/12	8005122200,.6,33.7,.49,180																	
F	5/16	800516,62.42,.046,.184,.191,.080,.259,.124,.060,.042																	
C		14323.	17.	1.	8704.	1656.	591026.	121.	20.	14744.	104.	3.	.2	.08	449.	16.	32.0	942.	198.
C		10927.	11.	1.	9843.	1205.	317843.	684.	20.	15935.	225.	9.	.2	.08	424.	18.	36.1	635.	373.
C		5478.	10.	1.	2676.	509.	183745.	829.	21.	19187.	159.	14.	.2	.04	485.	28.	13.8	418.	118.
C		8506.	72.	1.	2988.	585.	189835.	1507.	41.	23245.	344.	28.	.7	.12	537.	40.	10.3	2442.	116.
C		9778.	148.	7.	4026.	673.	278030.	1759.	84.	27705.	415.	33.	2.2	.16	781.	62.	15.7	3269.	140.
C		7053.	100.	7.	3622.	613.	171870.	616.	89.	19922.	343.	29.	1.0	.21	626.	57.	10.6	1247.	152.
R	5/16	8005161200,3.5,37.3,.15,600																	
R	5/17	8005171000,.5,38.2,.86,840																	
R	5/19	8005191400,1.6,40.4,.35,360																	
R	5/23	8005230100,3.2,43.9,.36,600																	
R	5/24	8005241600,1.3,45.6,.23,180																	
F	5/27	800527,34.18,.054,.221,.246,.092,.234,.096,.038,.029																	
C		13637.	15.	1.	7299.	1531.	557575.	149.	20.	14227.	110.	3.	.2	.08	447.	17.	30.8	882.	249.
C		10949.	10.	1.	9020.	1148.	316086.	618.	20.	15577.	216.	9.	.2	.08	431.	18.	33.4	637.	378.
C		5360.	11.	1.	2587.	516.	197325.	846.	21.	19273.	157.	14.	.2	.04	477.	28.	13.8	417.	117.
C		8478.	71.	1.	2987.	581.	190787.	1521.	41.	23299.	347.	29.	.7	.12	538.	41.	10.3	2452.	114.
C		9814.	149.	7.	4023.	675.	279532.	1752.	84.	27679.	414.	32.	2.3	.16	781.	62.	15.7	3283.	140.
C		7283.	105.	4.	3744.	625.	172718.	740.	93.	19958.	337.	29.	1.0	.19	633.	58.	10.8	1219.	156.
F	5/30	800530,44.03,.092,.213,.231,.086,.215,.095,.038,.023																	
C		11297.	57.	1.	3515.	530.	158804.	165.	19.	9689.	96.	4.	.2	.03	381.	18.	40.8	648.	667.
C		7698.	158.	3.	4012.	463.	266681.	164.	32.	17668.	150.	11.	.2	.04	465.	23.	27.2	506.	405.
C		3747.	8.	1.	2154.	471.	139705.	1167.	38.	18356.	155.	24.	.6	.02	360.	72.	9.0	380.	56.
C		5826.	51.	2.	2367.	498.	130719.	1731.	77.	24518.	326.	28.	3.0	.09	540.	59.	10.3	1755.	72.
C		7791.	90.	5.	3526.	680.	212348.	1826.	103.	25471.	460.	38.	1.8	.19	773.	67.	13.1	2728.	100.
C		4880.	54.	13.	2636.	493.	130000.	904.	103.	18573.	361.	33.	3.0	.19	544.	58.	7.6	971.	108.
R	5/30	8005301000,5.7,51.4,.31,540																	
R	6/ 1	8006010500,.5,52.4,.6,720																	
R	6/ 2	8006020400,.5,53.4,1.72,540																	
F	6/ 4	800604,26.21,.041,.175,.198,.090,.281,.130,.048,.036																	
C		10650.	58.	1.	3476.	533.	166427.	277.	19.	10789.	99.	4.	.2	.03	407.	19.	41.9	613.	602.
C		7425.	153.	3.	3912.	482.	256891.	195.	35.	18156.	163.	11.	.2	.06	472.	24.	26.4	488.	383.
C		3686.	9.	1.	2058.	459.	133974.	1108.	43.	18308.	160.	22.	.8	.02	362.	69.	8.7	378.	56.
C		5802.	54.	2.	2303.	488.	124940.	1734.	75.	24644.	321.	28.	2.4	.09	536.	56.	10.1	1805.	70.
C		8050.	92.	4.	3398.	686.	196254.	1802.	110.	25896.	450.	39.	1.6	.19	778.	70.	12.3	2944.	99.
C		5174.	63.	9.	2760.	514.	133576.	888.	121.	19718.	313.	35.	1.8	.19	572.	67.	8.1	1119.	116.

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	6/ 9	800609,53.25,.035,.134,.179,.093,.287,.142,.063,.061																	
C		11764.	48.	1.	3193.	488.	159931.	216.	20.	9496.	92.	4.	.2	.04	358.	18.	36.8	669.	730.
C		7409.	122.	2.	3673.	431.	232199.	193.	33.	18437.	162.	12.	.2	.07	471.	23.	24.2	480.	387.
C		3623.	7.	1.	2183.	416.	128302.	1185.	40.	18481.	166.	24.	.8	.02	364.	63.	8.6	377.	55.
C		5785.	51.	3.	2267.	487.	130949.	1767.	75.	24719.	326.	27.	3.2	.09	537.	59.	10.0	1763.	71.
C		7794.	89.	5.	3454.	672.	207889.	1830.	106.	25727.	454.	39.	1.8	.19	771.	68.	12.7	2770.	99.
C		5057.	59.	11.	2706.	505.	131785.	895.	114.	19241.	308.	35.	2.2	.19	561.	64.	7.9	1058.	113.
F	6/12	800612,45.32,.035,.150,.167,.089,.269,.142,.075,.067																	
C		10009.	67.	2.	3758.	568.	171848.	234.	19.	11310.	102.	3.	.2	.03	440.	20.	46.3	581.	521.
C		7676.	193.	3.	4271.	533.	292356.	168.	34.	17338.	151.	11.	.2	.05	464.	24.	29.8	511.	396.
C		3829.	10.	1.	1939.	533.	146775.	1034.	44.	18083.	146.	22.	.6	.02	359.	80.	9.1	381.	59.
C		5815.	54.	2.	2352.	492.	123622.	1704.	76.	24515.	320.	28.	2.2	.09	537.	55.	10.2	1810.	70.
C		8147.	94.	4.	3435.	696.	196787.	1798.	107.	25852.	455.	39.	1.6	.18	782.	69.	12.5	2980.	99.
C		5031.	59.	11.	2702.	504.	132680.	893.	112.	19227.	308.	34.	2.5	.19	559.	62.	7.9	1053.	112.
R	6/15	8006150100,12.5,66.3,.38,360																	
R	6/15	8006151900,.5,67.1,.09,180																	
F	6/17	800617,25.78,.051,.171,.198,.091,.245,.114,.054,.068																	
C		10368.	62.	1.	3617.	549.	169809.	241.	19.	10983.	100.	4.	.2	.03	423.	20.	44.1	599.	565.
C		7573.	177.	3.	4133.	515.	278622.	179.	34.	17656.	156.	11.	.2	.05	467.	24.	28.5	502.	391.
C		3773.	10.	1.	1974.	506.	141928.	1057.	44.	18157.	151.	22.	.7	.02	360.	76.	8.9	379.	58.
C		5802.	54.	2.	2332.	491.	124056.	1709.	75.	24540.	320.	28.	2.2	.09	536.	55.	10.1	1809.	69.
C		7884.	90.	5.	3453.	678.	205442.	1822.	106.	25753.	454.	39.	1.8	.19	774.	68.	12.7	2822.	99.
C		4879.	54.	14.	2629.	493.	131408.	896.	104.	18713.	302.	33.	3.1	.19	543.	57.	7.6	986.	108.
F	6/19	800619,39.83,.056,.194,.161,.079,.264,.134,.058,.044																	
C		10263.	65.	2.	3746.	564.	169929.	196.	19.	10922.	100.	3.	.2	.03	429.	20.	45.7	594.	547.
C		7644.	177.	3.	4142.	507.	279407.	171.	34.	17544.	153.	11.	.2	.05	465.	24.	28.5	506.	397.
C		3841.	10.	1.	1970.	533.	147591.	1052.	42.	18108.	145.	22.	.6	.02	359.	81.	9.1	382.	59.
C		5849.	55.	2.	2418.	497.	121149.	1678.	76.	24403.	318.	29.	1.8	.09	538.	54.	10.4	1823.	69.
C		8200.	96.	4.	3448.	703.	195526.	1788.	108.	25777.	456.	39.	1.6	.18	784.	69.	12.5	3001.	99.
C		5003.	58.	12.	2689.	502.	132017.	895.	111.	19096.	307.	34.	2.5	.19	556.	62.	7.8	1037.	111.
R	6/23	8006230600,7.4,74.6,1.04,420																	
F	6/25	800625,27.71,.050,.208,.212,.091,.252,.109,.040,.031																	
C		9854.	68.	2.	3794.	574.	172293.	249.	19.	11498.	103.	3.	.2	.03	446.	20.	47.0	573.	504.
C		7647.	197.	4.	4299.	546.	294942.	172.	35.	17331.	153.	11.	.2	.05	464.	24.	30.1	510.	393.
C		3878.	11.	1.	1863.	562.	150866.	986.	45.	17973.	141.	21.	.6	.02	358.	84.	9.2	382.	61.
C		5823.	57.	2.	2385.	493.	118486.	1668.	75.	24417.	315.	28.	1.5	.08	536.	52.	10.3	1846.	68.
C		8328.	96.	4.	3390.	705.	189104.	1784.	109.	26052.	452.	39.	1.4	.18	787.	70.	12.2	3108.	98.
C		5083.	60.	10.	2719.	507.	132117.	894.	116.	19339.	309.	35.	2.1	.19	563.	64.	7.9	1071.	113.
R	6/28	8006280400,4.7,79.6,.26,120																	
F	6/30	800630,28.10,.162,.141,.189,.228,.134,.055,.083																	
C		5059.	15.	1.	2299.	874.	399018.	283.	26.	18545.	579.	9.	2.7	.05	449.	21.	28.7	326.	150.
C		3074.	4.	4.	1925.	938.	183292.	1263.	28.	19544.	287.	18.	.7	.05	396.	54.	8.8	358.	41.
C		5486.	29.	11.	2662.	789.	237743.	1928.	69.	26904.	443.	25.	.5	.12	527.	49.	11.1	1752.	55.
C		8299.	47.	6.	8465.	1153.	358074.	1901.	103.	28603.	546.	34.	2.9	.40	739.	68.	21.3	3083.	89.
C		4784.	31.	11.	2824.	605.	149853.	1082.	114.	17281.	354.	19.	.8	.39	502.	57.	9.6	915.	91.
F	7/ 2	800702,22.36,.193,.131,.164,.198,.121,.060,.117																	
C		5102.	15.	1.	2292.	836.	389473.	297.	26.	18629.	553.	9.	2.5	.05	450.	21.	28.2	326.	146.
C		3134.	4.	5.	2034.	921.	178583.	1289.	28.	19499.	301.	18.	.8	.05	398.	51.	8.9	358.	41.
C		5482.	29.	11.	2781.	782.	248028.	1966.	69.	27231.	445.	25.	.5	.11	526.	49.	11.4	1713.	55.
C		8168.	45.	7.	8295.	1125.	359187.	1922.	103.	28818.	546.	33.	2.8	.41	738.	66.	21.0	2976.	88.
C		4766.	31.	12.	2828.	603.	149967.	1077.	114.	17382.	353.	19.	.7	.38	504.	56.	9.6	901.	90.
F	7/ 7	800707,36.21,.225,.144,.182,.212,.113,.044,.069																	
C		5031.	15.	1.	2403.	963.	424179.	258.	25.	18330.	640.	8.	3.1	.04	448.	20.	29.5	324.	157.
C		3019.	4.	4.	1769.	958.	187165.	1226.	26.	19784.	256.	18.	.6	.04	392.	58.	8.6	360.	41.
C		5485.	30.	11.	2292.	770.	202378.	1862.	67.	26431.	432.	24.	.4	.11	531.	48.	10.2	1815.	56.
C		8409.	50.	5.	8255.	1168.	358451.	1871.	104.	28658.	534.	33.	3.1	.34	749.	70.	20.6	3209.	92.
C		4878.	32.	11.	2777.	609.	146029.	1092.	118.	17422.	350.	19.	.9	.35	506.	58.	9.6	964.	96.

1980 STREET DIRT DATA FOR THE JOHN STREET SOUTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	7/10	800710,35.06,.313,.147,.161,.173,.099,.043,.052																	
C		5012.	14.	1.	2325.	877.	407203.	291.	26.	18826.	576.	10.	2.7	.04	463.	21.	28.0	324.	149.
C		3072.	5.	5.	1925.	898.	175744.	1268.	27.	19501.	285.	18.	.7	.05	397.	51.	8.7	355.	41.
C		5412.	29.	11.	2647.	762.	232637.	1911.	66.	27209.	433.	24.	.4	.11	527.	48.	11.1	1715.	55.
C		8141.	47.	7.	7969.	1115.	356851.	1903.	103.	28982.	534.	33.	2.9	.37	746.	67.	20.3	3001.	89.
C		4730.	30.	14.	2891.	600.	153676.	1081.	116.	17586.	354.	20.	.7	.40	506.	55.	9.8	860.	87.
F	7/22	800722,49.54,.274,.140,.174,.183,.106,.052,.068																	
C		4578.	10.	5.	5704.	548.	203210.	562.	57.	22624.	153.	9.	.2	.07	496.	37.	16.4	216.	58.
C		4127.	19.	7.	8473.	433.	119949.	1191.	69.	22749.	158.	13.	.2	.02	443.	38.	6.7	345.	63.
C		5283.	62.	8.	6042.	679.	183209.	2077.	98.	28206.	290.	17.	.5	.08	618.	51.	8.5	1224.	76.
C		6821.	83.	9.	9811.	934.	262863.	2756.	156.	35214.	321.	30.	3.0	.20	792.	71.	11.9	2043.	99.
C		5787.	41.	9.	4807.	695.	180647.	1368.	150.	23242.	219.	24.	2.3	.21	665.	62.	8.4	933.	97.
F	7/25	800725,52.17,.275,.137,.164,.178,.105,.056,.082																	
C		4548.	10.	5.	5665.	550.	199226.	544.	57.	23914.	156.	9.	.2	.06	497.	38.	16.4	242.	56.
C		4065.	18.	7.	8502.	433.	117634.	1200.	70.	23809.	170.	13.	.2	.03	444.	38.	6.6	341.	62.
C		5292.	58.	8.	5763.	676.	177247.	2028.	99.	29696.	338.	17.	.8	.08	620.	52.	8.4	1208.	75.
C		6853.	79.	9.	9811.	925.	260288.	2725.	156.	36760.	366.	30.	3.4	.22	795.	71.	11.7	2016.	98.
C		5805.	42.	9.	4717.	690.	180266.	1369.	152.	24400.	263.	24.	2.7	.22	670.	63.	8.4	942.	98.
R	7/26	8007261900,28.5,108.2,.14,300																	
R	7/27	8007271100,.5,108.9,.88,360																	
F	7/29	800729,25.61,.342,.145,.175,.170,.083,.037,.048																	
C		4521.	11.	5.	5706.	550.	193584.	506.	57.	26472.	149.	9.	.2	.05	498.	39.	16.6	282.	50.
C		4163.	23.	8.	7255.	460.	128801.	1042.	69.	22609.	177.	11.	.2	.03	457.	37.	6.6	360.	70.
C		4921.	74.	8.	6573.	607.	187838.	2214.	101.	31734.	363.	16.	1.0	.06	619.	53.	8.1	1241.	77.
C		6476.	110.	10.	7671.	895.	244043.	2860.	167.	40041.	407.	28.	3.4	.25	813.	72.	11.7	2191.	104.
C		6355.	67.	6.	4180.	646.	181489.	1348.	160.	26178.	296.	24.	3.0	.21	686.	64.	8.5	1088.	104.
F	8/ 1	800801,46.06,.309,.127,.147,.185,.113,.055,.061																	
C		4569.	10.	5.	5705.	547.	202905.	561.	57.	22874.	151.	9.	.2	.07	496.	37.	16.5	219.	57.
C		4147.	20.	7.	8264.	437.	121737.	1172.	70.	22734.	161.	13.	.2	.02	446.	38.	6.7	347.	64.
C		5248.	63.	8.	6135.	666.	182447.	2107.	99.	28877.	301.	17.	.6	.07	618.	52.	8.5	1228.	76.
C		6778.	89.	10.	9221.	927.	257838.	2777.	157.	36261.	339.	29.	3.1	.21	796.	71.	11.8	2070.	100.
C		6124.	59.	8.	4410.	671.	180479.	1376.	157.	24822.	252.	24.	2.6	.21	676.	63.	8.5	1034.	103.
R	8/ 2	8008021400,4.9,114.1,.08,240																	
R	8/ 4	8008042300,2.3,116.6,.09,120																	
F	8/ 6	800806,32.64,.421,.154,.157,.152,.068,.025,.022																	
C		4682.	11.	6.	6021.	552.	197980.	487.	55.	25648.	128.	9.	.2	.04	489.	38.	17.2	253.	50.
C		4249.	25.	8.	7007.	464.	132962.	1019.	69.	21648.	169.	11.	.2	.03	459.	37.	6.7	366.	72.
C		4915.	76.	8.	6726.	601.	188753.	2252.	101.	31581.	350.	16.	.9	.06	618.	52.	8.1	1250.	77.
C		6507.	110.	10.	7492.	897.	242765.	2861.	166.	40042.	405.	28.	3.4	.25	812.	72.	11.7	2188.	104.
C		6379.	71.	6.	4137.	649.	180925.	1366.	161.	26036.	283.	24.	2.9	.21	685.	64.	8.6	1103.	106.
R	8/11	8008110900,6.4,123.1,.04,60																	
F	8/13	800813,36.21,.308,.148,.175,.181,.094,.043,.048																	
C		4571.	10.	5.	5733.	546.	203241.	559.	56.	23018.	147.	9.	.2	.06	495.	37.	16.5	218.	56.
C		4142.	20.	7.	8254.	438.	121861.	1162.	69.	22534.	160.	13.	.2	.02	445.	37.	6.7	348.	64.
C		5207.	65.	8.	6176.	660.	183452.	2115.	99.	29151.	308.	16.	.6	.07	618.	52.	8.4	1229.	76.
C		6742.	90.	10.	9150.	923.	257012.	2783.	158.	36632.	347.	29.	3.1	.21	798.	71.	11.8	2080.	100.
C		6012.	52.	8.	4561.	678.	180797.	1368.	154.	24161.	238.	24.	2.5	.21	672.	62.	8.5	997.	101.
R	8/13	8008132100,2.5,125.7,1.8,1620																	
R	8/16	8008160600,1.3,128.1,.71,480																	
R	8/17	8008170900,.8,129.2,.13,60																	
R	8/18	8008180700,.9,130.2,.6,600																	

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	8/21	800821,38.46,.301,.159,.180,.172,.091,.039,.055																	
C		4552.	10.	5.	5726.	545.	203479.	562.	56.	23196.	143.	9.	.2	.06	496.	37.	16.6	218.	55.
C		4157.	21.	7.	7999.	445.	124267.	1117.	68.	21977.	159.	12.	.2	.02	447.	37.	6.7	353.	66.
C		5063.	71.	8.	6544.	638.	190060.	2190.	99.	29256.	300.	16.	.5	.06	617.	52.	8.3	1245.	77.
C		6531.	108.	10.	8192.	914.	251230.	2866.	164.	37287.	340.	29.	2.9	.21	805.	72.	11.9	2181.	103.
C		6498.	73.	5.	4179.	641.	182586.	1342.	160.	24472.	221.	24.	2.3	.19	681.	63.	8.6	1120.	106.
F	8/26	800826,43.62,.261,.127,.166,.185,.119,.060,.080																	
C		4619.	11.	6.	5883.	550.	198393.	509.	56.	25183.	137.	9.	.2	.05	493.	38.	16.9	250.	51.
C		4195.	22.	7.	7539.	452.	127733.	1089.	70.	22424.	168.	12.	.2	.03	454.	38.	6.7	357.	69.
C		5034.	71.	8.	6458.	625.	185681.	2188.	100.	30836.	341.	16.	.8	.07	619.	52.	8.2	1239.	76.
C		6587.	102.	10.	8244.	908.	249406.	2832.	163.	38472.	377.	29.	3.2	.23	806.	72.	11.7	2148.	102.
C		6248.	63.	7.	4328.	658.	181393.	1356.	158.	25062.	259.	24.	2.7	.21	679.	63.	8.5	1059.	103.
F	8/29	800829,46.38,.260,.138,.170,.176,.110,.060,.083																	
C		6899.	40.	15.	5110.	566.	198245.	724.	64.	45031.	168.	15.	.2	.06	588.	37.	15.1	299.	288.
C		2591.	38.	98.	6506.	362.	112579.	1114.	55.	25717.	181.	12.	2.5	.02	446.	38.	7.4	275.	88.
C		3209.	76.	14.	6656.	446.	148178.	1961.	87.	26535.	230.	20.	8.3	.08	569.	58.	9.3	898.	101.
C		5649.	85.	17.	7193.	785.	253856.	2227.	127.	31420.	288.	29.	2.6	.13	772.	68.	13.0	785.	137.
C		4868.	63.	8.	3795.	594.	130789.	1341.	125.	23323.	182.	23.	2.0	.24	670.	55.	8.2	899.	134.
R	8/31	8008311000,12.7,143.3,.15,240																	
R	9/ 1	8009010300,.6,144.1,.43,660																	
R	9/ 2	8009020001,.5,145.2,.89,240																	
F	9/ 4	800904,37.06,.377,.146,.162,.158,.079,.034,.039																	
C		6108.	36.	18.	5184.	536.	197851.	612.	63.	41887.	184.	14.	.2	.06	578.	37.	14.8	244.	238.
C		2586.	39.	101.	6420.	366.	111047.	1114.	55.	25416.	181.	11.	2.4	.02	446.	38.	7.3	272.	82.
C		3306.	78.	14.	6333.	442.	145078.	1933.	87.	26603.	227.	20.	7.8	.07	569.	57.	9.1	900.	101.
C		5639.	90.	17.	6846.	776.	249968.	2213.	127.	31966.	284.	29.	2.5	.13	778.	68.	12.6	873.	136.
C		4887.	71.	8.	3788.	591.	138058.	1324.	127.	24035.	182.	23.	2.1	.23	674.	55.	8.1	921.	134.
R	9/ 5	8009051200,3.4,148.8,.07,120																	
R	9/ 7	8009070900,1.8,150.7,.26,540																	
R	9/ 8	8009080800,.6,151.8,.02,60																	
F	9/11	800911,30.61,.256,.142,.179,.185,.112,.057,.065																	
C		5204.	34.	26.	4810.	437.	190664.	903.	51.	23350.	217.	10.	.2	.08	528.	36.	12.6	218.	171.
C		3987.	43.	137.	5651.	428.	85684.	1218.	47.	21603.	150.	12.	.7	.03	439.	36.	7.4	270.	75.
C		2151.	71.	12.	7556.	454.	115995.	1941.	81.	24581.	221.	19.	11.1	.10	580.	61.	9.3	837.	78.
C		5957.	76.	15.	7388.	779.	225794.	2277.	122.	28042.	288.	26.	2.9	.18	778.	64.	12.3	671.	90.
C		4890.	44.	13.	3572.	590.	99840.	1412.	115.	22937.	189.	22.	2.2	.34	670.	54.	7.9	862.	99.
R	9/12	8009121200,4.2,156.1,.05,60																	
R	9/13	8009130800,.8,157,.05,120																	
R	9/16	8009160300,2.8,159.9,.8,300																	
R	9/16	8009161900,.5,160.6,.92,540																	
F	9/18	800918,36.10,.369,.156,.170,.160,.078,.030,.032																	
C		6537.	38.	17.	5169.	549.	199231.	693.	63.	42849.	180.	14.	.2	.06	578.	37.	14.9	274.	265.
C		2346.	37.	87.	6361.	355.	115254.	1101.	56.	26243.	183.	11.	2.8	.02	446.	38.	7.3	273.	86.
C		3594.	78.	14.	6040.	443.	149079.	1922.	88.	27078.	227.	20.	6.8	.07	567.	56.	9.0	909.	103.
C		5575.	92.	18.	6845.	782.	252038.	2218.	129.	32895.	283.	30.	2.5	.12	776.	69.	12.7	914.	145.
C		4889.	75.	7.	3877.	595.	146599.	1311.	130.	24150.	180.	23.	2.1	.20	673.	56.	8.2	938.	144.
F	9/23	800923,43.59,.351,.144,.168,.165,.083,.038,.045																	
C		6894.	40.	14.	5190.	581.	198993.	628.	67.	48432.	163.	16.	.2	.05	599.	37.	15.5	291.	290.
C		2304.	37.	90.	6571.	351.	117123.	1095.	57.	26434.	186.	11.	2.9	.02	447.	38.	7.3	275.	88.
C		3437.	78.	14.	6343.	444.	150918.	1947.	88.	26889.	230.	20.	7.5	.07	568.	57.	9.2	907.	104.
C		5550.	91.	18.	6893.	783.	257001.	2211.	129.	32970.	284.	30.	2.5	.12	774.	70.	12.9	896.	150.
C		4878.	78.	6.	3893.	594.	150546.	1297.	131.	24122.	179.	23.	2.0	.19	673.	56.	8.2	936.	149.
F	9/26	800926,42.06,.000,.000,.000,.000,.000,.000,.000																	
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.

1980 STREET DIRT DATA FOR THE JOHN STREET SOUTH BASIN

	TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	ΣVOL	SO4	CL2
S 9/30	800930,174,.01,231.8																	
R 10/ 1	8010011800,14.6,1.3,.51,240																	
F 10/ 2	801002,13.25,.341,.138,.155,.191,.106,.040,.028																	
C	8215.	47.	1.	8673.	1208.	305450.	1007.	58.	22739.	222.	240.	.2	02	528.	489.	19.0	322.	226.
C	7162.	44.	5.	4937.	806.	131031.	1073.	57.	21408.	142.	11.	.2	.06	392.	35.	7.7	246.	88.
C	5511.	120.	7.	4265.	668.	150278.	1826.	83.	25401.	187.	19.	.9	.02	530.	50.	7.9	456.	80.
C	6484.	188.	13.	8970.	896.	206569.	2664.	133.	32911.	275.	28.	.9	.28	736.	71.	11.5	268.	143.
C	6600.	231.	1.	4565.	819.	200528.	1378.	117.	26809.	199.	24.	1.8	.21	702.	62.	9.5	1097.	261.
F 10/ 3	801003,17.14,.263,.118,.151,.207,.130,.058,.069																	
C	8529.	40.	1.	8132.	1255.	293450.	1062.	56.	24245.	195.	274.	.2	.02	554.	553.	18.3	331.	227.
C	6729.	40.	5.	4170.	768.	118502.	1075.	59.	21580.	137.	11.	.2	.05	391.	35.	7.3	229.	84.
C	5390.	111.	7.	4026.	665.	143679.	1769.	85.	25501.	189.	19.	.8	.02	529.	50.	7.7	458.	76.
C	6366.	164.	12.	8793.	856.	203866.	2694.	130.	32499.	274.	27.	1.0	.30	737.	70.	11.5	275.	135.
C	6692.	148.	1.	5087.	742.	193179.	1452.	108.	24648.	206.	23.	1.9	.21	685.	59.	10.1	925.	222.
F 10/ 6	801006,16.64,.240,.098,.132,.186,.140,.078,.120																	
C	8429.	38.	1.	8143.	1246.	293007.	1057.	57.	24051.	200.	269.	.2	.02	550.	545.	18.3	326.	225.
C	6881.	38.	5.	4546.	771.	120543.	1072.	58.	21511.	139.	11.	.2	.05	391.	35.	7.4	227.	84.
C	5401.	98.	7.	4247.	643.	148626.	1836.	83.	25212.	187.	19.	.9	.02	529.	50.	7.8	444.	76.
C	6338.	134.	10.	8651.	818.	215514.	2777.	126.	30990.	276.	27.	1.1	.37	732.	69.	12.0	315.	130.
C	6788.	107.	1.	5566.	700.	190220.	1508.	102.	23281.	210.	23.	2.0	.20	672.	58.	10.6	812.	201.
F 10/ 7	801007,19.76,.234,.101,.139,.193,.141,.074,.113																	
C	8615.	56.	1.	8607.	1238.	305640.	1026.	56.	23587.	201.	256.	.2	.02	542.	519.	18.8	349.	230.
C	6879.	43.	5.	4410.	785.	123815.	1075.	58.	21514.	138.	11.	.2	.05	392.	35.	7.4	237.	86.
C	5413.	112.	7.	4089.	662.	145272.	1788.	84.	25458.	189.	19.	.8	.02	529.	50.	7.7	456.	77.
C	6368.	158.	12.	8758.	849.	207361.	2715.	129.	32118.	274.	27.	1.0	.32	736.	70.	11.6	286.	134.
C	6704.	139.	1.	5153.	733.	192334.	1461.	107.	24397.	207.	23.	2.0	.21	683.	59.	10.2	905.	218.
F 10/ 8	801008,17.34,.242,.100,.143,.203,.140,.069,.100																	
C	8778.	47.	1.	8139.	1276.	295568.	1073.	55.	24666.	185.	284.	.2	.02	561.	572.	18.3	342.	231.
C	6730.	42.	5.	4123.	773.	119717.	1077.	59.	21582.	137.	11.	.2	.05	391.	35.	7.3	232.	85.
C	5413.	113.	7.	4070.	666.	144926.	1778.	84.	25484.	189.	19.	.8	.02	529.	50.	7.7	458.	77.
C	6378.	157.	12.	8768.	849.	208922.	2720.	129.	31994.	275.	27.	1.0	.32	735.	70.	11.7	289.	134.
C	6729.	135.	1.	5268.	728.	192356.	1472.	106.	24162.	208.	23.	1.9	.21	680.	59.	10.3	885.	215.
F 10/10	801010,20.93,.312,.098,.129,.173,.123,.066,.097																	
C	8384.	46.	1.	8452.	1229.	300566.	1030.	57.	23434.	209.	255.	.2	.02	540.	517.	18.7	330.	226.
C	6961.	38.	5.	4704.	776.	122320.	1071.	57.	21482.	140.	11.	.2	.05	391.	35.	7.5	229.	84.
C	5413.	103.	7.	4196.	654.	147725.	1813.	83.	25306.	188.	19.	.9	.02	529.	50.	7.8	450.	76.
C	6376.	154.	12.	8870.	850.	208238.	2718.	130.	32023.	276.	27.	1.0	.32	735.	70.	11.7	282.	135.
C	6709.	138.	1.	5175.	734.	192930.	1462.	107.	24339.	207.	23.	2.0	.21	682.	59.	10.2	904.	219.
F 10/14	801014,28.40,.260,.099,.129,.174,.129,.071,.137																	
C	8553.	70.	1.	9128.	1195.	316297.	972.	57.	22641.	213.	227.	.2	.02	525.	462.	19.3	377.	230.
C	7076.	42.	4.	4897.	793.	127662.	1068.	56.	21399.	141.	11.	.2	.06	392.	35.	7.5	240.	87.
C	5405.	101.	6.	4284.	629.	149136.	1871.	85.	25170.	186.	19.	1.0	.02	528.	49.	7.8	438.	76.
C	6360.	138.	9.	8448.	817.	219542.	2791.	125.	30736.	274.	27.	1.2	.38	731.	69.	12.1	335.	130.
C	6781.	126.	1.	5510.	713.	190967.	1498.	104.	23704.	209.	23.	1.9	.20	675.	59.	10.5	837.	206.
R 10/14	8010141700,12.8,14.3,.08,60																	
F 10/15	801015,18.23,.573,.095,.115,.129,.062,.016,.008																	
C	9886.	124.	1.	9884.	1285.	347229.	981.	54.	23600.	172.	254.	.2	.02	546.	513.	20.1	438.	257.
C	6997.	72.	5.	3899.	872.	145147.	1091.	60.	21483.	137.	11.	.2	.04	395.	35.	7.8	297.	100.
C	5595.	168.	8.	3928.	714.	143410.	1740.	87.	26046.	191.	18.	.6	.02	529.	51.	7.7	485.	85.
C	6542.	230.	14.	8719.	935.	199600.	2595.	135.	34212.	269.	28.	.8	.22	741.	71.	11.0	259.	147.
C	6700.	260.	1.	4968.	820.	200086.	1412.	116.	26848.	199.	24.	1.7	.21	698.	62.	9.8	1057.	255.
R 10/17	8010170500,2.5,16.9,.45,120																	
R 10/17	8010172000,.6,17.6,.03,60																	

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	10/21	801021,49.85,.526,.090,.112,.115,.072,.035,.044																	
C		8883.	42.	1.	7894.	1304.	291444.	1103.	55.	25234.	176.	301.	.2	.02	572.	607.	18.1	330.	233.
C		6696.	40.	5.	4093.	765.	117521.	1077.	60.	21604.	136.	11.	.2	.05	391.	35.	7.3	227.	84.
C		5396.	107.	7.	4062.	669.	144726.	1765.	83.	25460.	189.	19.	.8	.02	529.	50.	7.7	458.	76.
C		6373.	153.	12.	8922.	850.	207728.	2716.	130.	32049.	276.	28.	1.0	.32	735.	70.	11.7	278.	135.
C		6710.	124.	1.	5201.	723.	191777.	1469.	106.	24057.	208.	23.	2.0	.21	680.	59.	10.2	885.	214.
R	10/24	8010240900,6.5,24.2,.35,240																	
R	10/27	8010271000,2.8,27.3,.47,1260																	
F	10/31	801031,42.12,.672,.094,.099,.087,.035,.008,.002																	
C		8229.	104.	1.	10557.	1091.	348237.	834.	61.	19654.	255.	150.	.2	.02	472.	312.	20.8	409.	230.
C		7662.	57.	3.	5711.	872.	151062.	1069.	53.	21151.	148.	11.	.2	.06	394.	35.	8.1	283.	97.
C		5598.	135.	5.	4486.	638.	155218.	1943.	86.	25269.	184.	20.	1.0	.02	528.	49.	8.1	443.	84.
C		6501.	186.	9.	8076.	864.	223330.	2754.	126.	31373.	268.	27.	1.3	.34	732.	70.	12.0	358.	136.
C		6946.	207.	2.	6138.	733.	191228.	1544.	105.	24401.	206.	24.	1.7	.20	672.	60.	10.9	805.	204.
R	11/23	8011230300,25.9,54.2,.27,600																	
S	11/24	801124,55,.02,797.2																	
R	11/29	8011290900,6.1,4.8,.31,480																	

1981 STREET DIRT DATA FOR THE JOHN STREET SOUTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	3/29	8103291000	24.5	4.1	.11	80													
R	4/ 3	8104030900	4.9	9	.11	30													
R	4/ 3	8104031900	.4	9.4	.46	450													
F	4/ 7	8104070900	80.9	.335	.154	.156	.153	.075	.035	.088									
C		10000.	7.	5.	3720.	891.	301000.	250.	7.	16000.	83.	14.	.2	.03	450.	15.	12.2	147.	112.
C		5640.	22.	5.	7220.	632.	155000.	310.	37.	16000.	230.	15.	.5	.06	450.	20.	6.3	249.	59.
C		6790.	79.	6.	7150.	504.	169000.	1400.	120.	22000.	300.	24.	.8	.06	500.	32.	9.5	1940.	50.
C		7910.	114.	10.	4640.	1050.	119000.	1300.	110.	26000.	370.	33.	6.8	.15	780.	39.	11.7	2150.	91.
C		5460.	85.	15.	3770.	660.	89000.	860.	60.	19000.	290.	26.	2.4	.13	630.	35.	8.6	483.	104.
R	4/ 8	8104080900	4.3	14	.08	10													
R	4/ 9	8104090001	.6	14.6	.06	30													
F	4/ 9	8104090900	64.4	.372	.141	.157	.160	.072	.032	.065									
C		10000.	7.	5.	3720.	891.	301000.	250.	7.	16000.	83.	14.	.2	.03	450.	15.	12.2	147.	112.
C		5640.	22.	5.	7220.	632.	155000.	310.	37.	16000.	230.	15.	.5	.06	450.	20.	6.3	249.	59.
C		6790.	79.	6.	7150.	504.	169000.	1400.	120.	22000.	300.	24.	.8	.06	500.	32.	9.5	1940.	50.
C		7910.	114.	10.	4640.	1050.	119000.	1300.	110.	26000.	370.	33.	6.8	.15	780.	39.	11.7	2150.	91.
C		5460.	85.	15.	3770.	660.	89000.	860.	60.	19000.	290.	26.	2.4	.13	630.	35.	8.6	483.	104.
R	4/10	8104100400	1.1	15.8	.52	180													
R	4/10	8104101500	.4	16.3	.76	30													
R	4/11	8104110600	.6	16.9	.71	990													
R	4/12	8104120800	.4	18	.1	50													
R	4/13	8104131100	1.1	19.1	.21	60													
R	4/14	8104140001	.5	19.6	.22	60													
F	4/16	8104160900	154.5	.462	.145	.148	.131	.054	.023	.034									
C		10000.	7.	5.	3720.	891.	301000.	250.	7.	16000.	83.	14.	.2	.03	450.	15.	12.2	147.	112.
C		5640.	22.	5.	7220.	632.	155000.	310.	37.	16000.	230.	15.	.5	.06	450.	20.	6.3	249.	59.
C		6790.	79.	6.	7150.	504.	169000.	1400.	120.	22000.	300.	24.	.8	.06	500.	32.	9.5	1940.	50.
C		7910.	114.	10.	4640.	1050.	119000.	1300.	110.	26000.	370.	33.	6.8	.15	780.	39.	11.7	2150.	91.
C		5460.	85.	15.	3770.	660.	89000.	860.	60.	19000.	290.	26.	2.4	.13	630.	35.	8.6	483.	104.
R	4/19	8104190600	5.2	24.9	.4	650													
R	4/22	8104220400	2.5	27.8	.7	650													
F	4/28	8104280900	96.3	.356	.116	.132	.142	.089	.046	.113									
C		9959.	13.	4.	3689.	847.	294888.	254.	10.	16796.	95.	14.	.2	.03	465.	16.	12.1	154.	185.
C		5415.	22.	5.	6467.	583.	150224.	315.	33.	15962.	237.	15.	.5	.05	455.	19.	6.4	238.	58.
C		6441.	74.	6.	6364.	500.	156334.	1287.	106.	21778.	294.	23.	.7	.06	518.	30.	9.2	1755.	102.
C		7709.	109.	10.	4473.	993.	113534.	1296.	103.	26138.	375.	33.	6.1	.14	786.	38.	11.6	2046.	149.
C		5408.	83.	16.	3674.	640.	89806.	818.	58.	18900.	283.	26.	2.2	.13	618.	34.	8.6	478.	134.
R	4/28	8104281700	6.1	34.3	.52	190													
R	4/29	8104291400	.7	35.1	.15	480													
R	4/30	8104302100	1	36.4	.04	20													
R	5/ 5	8105050900	4.5	41	.75	570													
F	5/ 7	8105070900	89.7	.000	.000	.000	.000	.000	.000	.000									
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
R	5/ 9	8105091400	3.8	45.1	.55	230													
R	5/10	8105101300	.8	46.1	.79	770													
R	5/13	8105131700	2.6	49.3	1.25	1610													
R	5/17	8105171700	2.9	53.3	1.2	910													

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	5/21	8105210900	72.8	.381	.142	.139	.149	.085	.037	.067									
C		9814.	14.	4.	3613.	838.	290088.	257.	11.	17245.	100.	14.	.2	.03	474.	16.	11.9	154.	188.
C		5443.	22.	5.	6487.	583.	151077.	316.	33.	15942.	236.	15.	.5	.05	454.	19.	6.4	238.	58.
C		6408.	74.	6.	6281.	499.	155036.	1275.	105.	21755.	293.	23.	.7	.06	520.	30.	9.1	1736.	109.
C		7640.	108.	10.	4425.	979.	112033.	1291.	102.	26146.	376.	32.	6.0	.14	788.	38.	11.5	2022.	152.
C		5354.	81.	16.	3631.	632.	89490.	806.	57.	18880.	282.	26.	2.1	.12	617.	34.	8.5	474.	129.
F	5/27	8105270900	68.3	.377	.138	.144	.158	.086	.036	.058									
C		9894.	11.	4.	3659.	860.	294706.	254.	9.	16720.	93.	14.	.2	.03	464.	16.	12.0	151.	157.
C		5486.	22.	5.	6702.	598.	151739.	313.	34.	15973.	235.	15.	.5	.06	454.	19.	6.3	241.	58.
C		6475.	75.	6.	6442.	500.	157576.	1298.	107.	21800.	295.	23.	.7	.06	517.	31.	9.2	1774.	97.
C		7636.	108.	10.	4425.	979.	112041.	1290.	102.	26138.	376.	32.	6.0	.14	788.	38.	11.5	2024.	148.
C		5329.	80.	16.	3600.	626.	89558.	795.	56.	18855.	280.	26.	2.1	.12	615.	33.	8.5	472.	133.
F	5/29	8105290900	71.8	.372	.150	.147	.141	.079	.039	.070									
C		10093.	13.	4.	3759.	851.	298897.	252.	9.	16443.	91.	14.	.2	.03	458.	16.	12.1	154.	189.
C		5629.	23.	5.	6750.	594.	156260.	319.	34.	15857.	228.	15.	.5	.06	447.	19.	6.6	242.	60.
C		6668.	78.	6.	6578.	507.	161809.	1340.	110.	21869.	296.	23.	.7	.06	511.	31.	9.5	1802.	132.
C		7818.	112.	10.	4533.	1008.	115287.	1311.	104.	26194.	374.	33.	6.2	.14	785.	39.	11.8	2062.	174.
C		5457.	84.	16.	3717.	647.	90014.	831.	58.	18924.	285.	26.	2.2	.13	620.	34.	8.7	482.	136.
R	5/29	8105292100	11.5	65.4	.15	50													
F	6/ 1	8106010900	113.0	.345	.153	.155	.153	.079	.037	.074									
C		6723.	32.	1.	2383.	263.	311223.	225.	11.	14740.	759.	8.	.9	.04	492.	10.	18.0	223.	66.
C		5149.	22.	1.	8830.	502.	261188.	675.	63.	19743.	252.	16.	.4	.04	460.	28.	9.5	243.	45.
C		6276.	73.	5.	3105.	392.	210157.	1801.	21.	25568.	286.	23.	.4	.07	540.	30.	8.3	1022.	58.
C		7274.	99.	9.	5365.	524.	232725.	1570.	62.	27482.	364.	28.	2.7	.12	820.	41.	10.4	1543.	81.
C		6980.	56.	4.	2312.	455.	113853.	829.	37.	19640.	268.	23.	1.6	.21	611.	33.	7.4	467.	86.
S	6/ 1	8106011100	65	.02	126.1														
R	6/ 1	8106011200	2.6	.1	.08	190													
R	6/ 3	8106030200	1.5	1.6	.05	30													
F	6/ 8	8106080900	70.3	.306	.134	.155	.176	.104	.053	.073									
C		6885.	34.	1.	2454.	258.	310485.	178.	11.	14577.	784.	8.	.9	.04	492.	10.	18.2	193.	69.
C		5529.	23.	1.	10155.	539.	287753.	694.	72.	19991.	267.	17.	.5	.04	450.	26.	10.3	266.	44.
C		6980.	85.	5.	3469.	455.	249514.	2053.	23.	27533.	272.	25.	.5	.09	547.	29.	9.1	1150.	52.
C		8011.	120.	9.	6667.	576.	244006.	1693.	70.	27801.	400.	29.	2.9	.13	827.	41.	11.1	1669.	71.
C		8168.	67.	2.	2561.	486.	110521.	853.	37.	19134.	270.	22.	1.5	.26	611.	33.	7.5	559.	87.
S	6/ 8	8106081100	7	.14	69.5														
F	6/ 8	8106081300	48.1	.191	.121	.153	.194	.126	.075	.140									
C		4308.	4.	4.	4141.	424.	402725.	158.	19.	15237.	98.	8.	.5	.03	488.	30.	13.0	108.	66.
C		3074.	18.	6.	4826.	532.	183653.	873.	15.	21774.	163.	14.	.2	.05	418.	19.	9.0	222.	29.
C		5066.	69.	9.	3898.	420.	165290.	1527.	53.	24008.	300.	19.	1.0	.08	517.	40.	8.9	1212.	36.
C		6207.	75.	11.	3376.	782.	215101.	1731.	61.	28969.	415.	29.	2.0	.14	846.	53.	12.2	1264.	49.
C		3984.	49.	11.	2611.	483.	139397.	963.	34.	19204.	262.	20.	1.0	.13	582.	32.	8.3	283.	55.
R	6/ 8	8106082200	5.7	.5	.13	180													
R	6/12	8106120900	3.3	3.9	.41	260													
R	6/13	8106130800	.8	4.9	.14	10													
R	6/13	8106131700	.4	5.3	.29	70													
R	6/15	8106152100	2.1	7.4	.85	90													
F	6/17	8106170900	36.1	.324	.150	.156	.181	.095	.040	.052									
C		6936.	35.	1.	2440.	257.	319794.	173.	11.	14368.	805.	8.	.9	.04	491.	10.	18.5	202.	62.
C		5556.	23.	1.	10351.	551.	272514.	682.	73.	19888.	270.	17.	.5	.04	454.	27.	10.3	265.	37.
C		6914.	84.	5.	3491.	444.	242226.	1990.	21.	27125.	276.	25.	.5	.08	547.	29.	9.1	1123.	46.
C		7799.	114.	10.	6260.	552.	239698.	1633.	67.	27805.	390.	29.	2.8	.12	826.	41.	10.9	1620.	65.
C		7783.	61.	2.	2472.	474.	111162.	826.	37.	19321.	269.	22.	1.1	.24	610.	32.	7.4	519.	79.
S	6/17	8106171100	9	.11	45.9														

1981 STREET DIRT DATA FOR THE JOHN STREET SOUTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	6/17	8106171300	39.5	.218	.121	.145	.184	.113	.065	.150									
C		4266.	4.	4.	4132.	428.	402366.	163.	21.	15137.	96.	8.	.5	.03	488.	36.	12.9	106.	65.
C		3047.	17.	6.	4740.	532.	182165.	861.	13.	21769.	165.	14.	.2	.05	419.	18.	9.0	221.	28.
C		5041.	68.	9.	3777.	413.	163032.	1514.	52.	23885.	299.	19.	1.0	.08	516.	40.	8.7	1202.	35.
C		6155.	73.	11.	3240.	773.	212624.	1717.	61.	28942.	412.	29.	2.0	.14	846.	53.	11.9	1256.	48.
C		3966.	48.	10.	2576.	482.	139942.	954.	33.	19154.	261.	20.	1.0	.12	582.	32.	8.2	275.	55.
F	6/19	8106190900	40.0	.207	.105	.139	.183	.124	.075	.167									
C		6972.	35.	1.	2465.	256.	317347.	160.	11.	14369.	807.	8.	.9	.04	491.	10.	18.5	191.	64.
C		5607.	23.	1.	10492.	553.	281912.	689.	74.	19963.	271.	17.	.5	.04	451.	26.	10.4	269.	39.
C		7020.	86.	5.	3529.	455.	249240.	2040.	22.	27489.	273.	25.	.5	.09	548.	29.	9.2	1147.	47.
C		8046.	121.	10.	6708.	573.	243868.	1683.	70.	27876.	402.	29.	2.9	.13	828.	41.	11.1	1667.	65.
C		8398.	67.	1.	2603.	491.	109548.	844.	37.	19053.	270.	22.	1.1	.26	610.	32.	7.5	569.	81.
R	6/21	8106210500	5.3	3.8	.16	80													
R	6/21	8106212200	.7	4.5	1.6	80													
F	6/23	8106230900	53.6	.228	.108	.143	.188	.130	.079	.122									
C		6956.	35.	1.	2465.	256.	315664.	163.	11.	14414.	802.	8.	.9	.04	491.	10.	18.5	190.	66.
C		5645.	24.	1.	10629.	557.	283565.	691.	75.	19980.	273.	17.	.5	.04	451.	26.	10.5	272.	39.
C		7098.	87.	5.	3577.	461.	253133.	2063.	22.	27677.	272.	26.	.5	.09	548.	29.	9.3	1159.	45.
C		8135.	124.	10.	6859.	578.	245024.	1693.	71.	27933.	406.	29.	2.9	.13	829.	41.	11.2	1679.	62.
C		8479.	68.	1.	2619.	493.	109259.	843.	37.	19021.	270.	22.	1.1	.27	610.	32.	7.5	574.	80.
S	6/23	8106231100	6	.17	41.9														
F	6/23	8106231300	46.5	.176	.106	.149	.200	.132	.080	.153									
C		4291.	4.	5.	4141.	424.	405111.	152.	18.	15213.	97.	8.	.5	.03	488.	26.	12.9	107.	65.
C		3067.	18.	6.	4841.	536.	183609.	867.	14.	21834.	162.	14.	.2	.05	418.	19.	9.1	223.	29.
C		5085.	70.	9.	3880.	422.	165092.	1520.	53.	24014.	300.	19.	1.0	.08	518.	40.	8.8	1220.	36.
C		6226.	74.	11.	3308.	789.	216154.	1720.	62.	28980.	417.	29.	2.0	.14	848.	53.	12.1	1263.	49.
C		3959.	48.	10.	2607.	485.	140932.	956.	33.	19084.	261.	20.	1.0	.12	581.	32.	8.2	273.	55.
R	6/24	8106240600	2.3	.8	.3	90													
R	6/24	8106242000	.5	1.4	.11	90													
F	6/26	8106260900	42.7	.000	.000	.000	.000	.000	.000	.000									
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
F	6/29	8106290900	47.8	.243	.125	.147	.183	.124	.069	.105									
C		6920.	34.	1.	2450.	257.	315581.	173.	11.	14455.	796.	8.	.9	.04	491.	10.	18.4	197.	65.
C		5576.	23.	1.	10375.	549.	281098.	689.	73.	19952.	270.	17.	.5	.04	452.	26.	10.4	268.	40.
C		7007.	86.	5.	3518.	454.	248813.	2039.	22.	27471.	273.	25.	.5	.09	547.	29.	9.2	1146.	47.
C		8048.	121.	10.	6710.	573.	243833.	1682.	70.	27883.	402.	29.	2.9	.13	828.	41.	11.1	1666.	64.
C		8366.	67.	1.	2596.	490.	109629.	843.	37.	19067.	270.	22.	1.1	.26	610.	32.	7.5	567.	81.
S	6/29	8106291100	6	.17	39.6														
F	6/29	8106291300	40.3	.175	.113	.154	.200	.131	.080	.143									
C		4374.	4.	4.	4146.	421.	396767.	172.	21.	15350.	101.	8.	.5	.03	487.	39.	13.3	110.	69.
C		3087.	18.	6.	4835.	529.	184072.	880.	16.	21726.	164.	14.	.2	.05	418.	20.	9.0	222.	30.
C		5059.	69.	9.	3885.	419.	165027.	1526.	53.	23991.	300.	19.	1.0	.08	517.	40.	8.9	1209.	36.
C		6201.	74.	11.	3345.	781.	214850.	1727.	61.	28966.	414.	29.	2.0	.14	847.	53.	12.2	1262.	49.
C		3973.	48.	10.	2599.	483.	139882.	959.	34.	19164.	261.	20.	1.0	.12	582.	32.	8.3	278.	55.
F	7/ 2	8107020900	50.7	.301	.170	.189	.159	.081	.033	.066									
R	7/ 4	8107040700	9.4	4.8	1.85	1150													
F	7/ 6	8107060900	29.7	.272	.151	.160	.103	.105	.055	.152									
S	7/ 6	8107061100	7	.14	15.2														
F	7/ 6	8107061300	27.3	.205	.114	.168	.219	.129	.064	.096									
F	7/ 9	8107090900	39.4	.284	.132	.147	.170	.102	.056	.091									
R	7/ 9	8107092000	4.7	3.4	.05	10													
F	7/13	8107130900	45.9	.259	.157	.170	.197	.104	.043	.052									

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
S	7/13	8107131100	7	.14	19.7														
F	7/13	8107131300	36.8	.230	.102	.136	.191	.136	.079	.126									
R	7/13	8107132100	4	.4	.05	40													
R	7/15	8107150500	1.3	1.8	.5	230													
F	7/17	8107170900	37.0	.282	.177	.147	.143	.108	.034	.107									
R	7/19	8107190001	3.6	5.5	1.21	730													
R	7/19	8107192300	.4	6.5	.2	120													
F	7/21	8107210900	31.6	.268	.104	.168	.158	.116	.072	.104									
S	7/21	8107211100	8	.13	11.8														
F	7/21	8107211300	28.1	.247	.122	.162	.197	.117	.059	.094									
F	7/23	8107230900	33.0	.294	.170	.166	.182	.073	.042	.064									
R	7/26	8107260100	6	4.6	1.19	60													
R	7/26	8107261000	.4	5	.08	70													
R	7/27	8107270300	.7	5.7	.89	390													
R	7/27	8107272000	.4	6.4	.38	440													
F	7/29	8107290900	31.2	.258	.118	.158	.196	.132	.046	.080									
S	7/29	8107291100	8	.13	9.5														
F	7/29	8107291300	29.4	.282	.128	.157	.188	.110	.054	.079									
F	7/31	8107310900	34.3	.289	.164	.174	.178	.088	.048	.057									
R	8/ 2	8108022100	5.7	4.4	.15	60													
F	8/ 4	8108040900	25.6	.240	.120	.099	.162	.142	.110	.115									
S	8/ 4	8108041100	6	.17	19.2														
F	8/ 4	8108041300	28.7	.118	.089	.147	.234	.182	.097	.116									
R	8/ 5	8108051300	2.6	1.1	1.7	300													
F	8/ 7	8108070900	33.2	.248	.118	.142	.187	.129	.059	.104									
R	8/ 9	8108091900	4	5.3	2.69	80													
F	8/11	8108110900	52.3	.227	.155	.171	.198	.107	.058	.076									
S	8/11	8108111100	7	.14	65.4														
F	8/11	8108111300	60.5	.216	.095	.135	.183	.155	.092	.114									
F	8/13	8108130900	59.7	.247	.109	.142	.175	.128	.072	.126									
R	8/14	8108141500	4.8	3.2	.29	30													
R	8/15	8108150001	.4	3.5	1.58	330													
S	8/17	8108171100	6	.17	47.6														
S	8/24	8108241100	7	.14	22.6														
R	8/26	8108261400	11.3	2.1	.6	100													
R	8/27	8108271500	1	3.1	1.34	690													
R	8/29	8108292300	1.8	5.5	.42	50													
R	8/30	8108302300	1	6.5	.07	70													
S	8/31	8108311100	7	.14	20.4														

1980 STREET DIRT DATA FOR THE JOHN STREET NORTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	4/29	8004290600,21.3,20,.05,120																	
F	5/ 5	800505,59.77,.035,.160,.181,.092,.294,.130,.055,.049																	
C		7051.	128.	1.	5187.	727.	191039.	189.	22.	24245.	133.	7.	.2	.10	540.	26.	30.8	468.	255.
C		6383.	81.	1.	2543.	725.	195582.	499.	26.	30409.	332.	16.	.2	.07	589.	31.	14.3	395.	211.
C		3385.	16.	2.	848.	294.	75976.	634.	147.	20648.	159.	10.	.7	.09	414.	25.	5.2	365.	67.
C		6450.	60.	9.	1511.	422.	163169.	2135.	31.	27510.	347.	28.	.8	.11	576.	42.	5.9	2345.	83.
C		9073.	123.	6.	3283.	600.	211099.	2284.	84.	30400.	408.	38.	2.0	.19	831.	75.	11.8	2751.	114.
C		5805.	74.	43.	3093.	543.	166900.	998.	81.	18903.	278.	34.	1.5	.26	580.	53.	9.5	905.	152.
F	5/ 8	800508,67.12,.025,.165,.175,.098,.313,.127,.049,.043																	
C		7160.	73.	1.	5025.	684.	195251.	186.	23.	29889.	166.	8.	.2	.11	595.	28.	26.2	455.	223.
C		6299.	55.	1.	2542.	722.	224019.	573.	26.	31778.	273.	14.	.2	.07	579.	29.	13.8	388.	193.
C		3292.	15.	2.	805.	292.	72305.	634.	162.	20703.	153.	10.	.7	.09	413.	26.	5.0	370.	65.
C		6469.	56.	9.	1446.	412.	155350.	2083.	30.	26908.	336.	28.	.7	.11	567.	42.	5.7	2379.	82.
C		9635.	108.	9.	3001.	577.	204149.	2191.	83.	29082.	394.	37.	2.2	.17	821.	74.	11.2	3017.	102.
C		5958.	56.	38.	2774.	538.	154388.	1009.	83.	19219.	281.	35.	1.3	.25	588.	58.	8.8	960.	147.
R	5/12	8005120600,13,33,.57,60																	
R	5/12	8005122200,.7,33.8,.5,120																	
F	5/15	800515,48.53,.034,.172,.185,.087,.293,.130,.051,.043																	
C		6922.	68.	1.	4786.	665.	189513.	221.	23.	29997.	162.	8.	.2	.10	607.	28.	25.3	441.	215.
C		6303.	37.	1.	2556.	732.	248154.	630.	26.	32627.	232.	13.	.2	.07	568.	27.	13.6	386.	182.
C		3237.	13.	2.	737.	279.	65557.	646.	219.	20494.	140.	9.	.8	.10	404.	27.	5.0	372.	61.
C		6493.	50.	9.	1363.	399.	145034.	2002.	29.	25985.	320.	28.	.6	.11	555.	43.	5.4	2421.	80.
C		10038.	98.	10.	2777.	557.	197513.	2142.	82.	28261.	385.	36.	2.4	.15	812.	73.	10.7	3116.	92.
C		6038.	45.	35.	2555.	523.	154348.	1054.	84.	19438.	284.	35.	1.2	.24	594.	59.	8.4	1029.	151.
R	5/16	8005161200,3.5,37.4,.2,600																	
R	5/17	8005171000,.5,38.3,.81,840																	
R	5/19	8005191400,1.6,40.5,.35,360																	
F	5/22	800522,51.34,.095,.200,.199,.080,.255,.110,.035,.018																	
C		6484.	65.	1.	4378.	635.	178765.	285.	22.	29535.	150.	8.	.2	.09	621.	29.	24.3	418.	206.
C		5735.	36.	1.	2431.	631.	215497.	591.	27.	33776.	227.	14.	.2	.07	592.	26.	12.3	366.	166.
C		3010.	12.	3.	703.	293.	64069.	626.	177.	21012.	142.	11.	.8	.10	416.	27.	4.5	384.	60.
C		6542.	48.	9.	1240.	375.	133553.	2161.	31.	27375.	334.	29.	.7	.09	560.	47.	5.2	2531.	85.
C		9888.	102.	6.	2601.	519.	179949.	2373.	85.	30076.	394.	38.	3.1	.16	797.	68.	10.0	1975.	65.
C		6029.	42.	36.	2315.	463.	187688.	1246.	85.	19681.	291.	36.	1.4	.23	606.	55.	7.8	1219.	185.
R	5/23	8005230100,3.2,44,.39,540																	
R	5/24	8005241600,1.3,45.7,.33,120																	
F	5/29	800529,57.17,.092,.202,.222,.083,.229,.105,.038,.022																	
C		7730.	63.	1.	3803.	306.	383137.	344.	24.	19075.	103.	7.	.2	.03	369.	24.	23.9	451.	338.
C		5460.	66.	5.	2599.	424.	171278.	414.	30.	29207.	386.	12.	.4	.04	574.	28.	19.8	374.	244.
C		2928.	18.	3.	2217.	430.	110891.	1629.	21.	23340.	214.	14.	.2	.02	431.	24.	6.7	374.	64.
C		5425.	54.	6.	1646.	427.	105550.	2608.	95.	27765.	316.	33.	.6	.28	526.	42.	6.2	1862.	90.
C		7964.	86.	19.	2542.	591.	151850.	2870.	98.	31212.	426.	37.	2.3	.21	814.	74.	9.1	1832.	156.
C		5612.	62.	39.	2434.	494.	148978.	1419.	142.	20154.	313.	32.	2.7	.23	564.	69.	18.3	783.	179.
R	5/30	8005301000,5.7,51.5,.39,540																	
R	6/ 1	8006010500,.5,52.5,.69,780																	
R	6/ 2	8006020400,.5,53.5,1.8,540																	
F	6/ 5	800605,37.44,.047,.232,.193,.082,.258,.118,.040,.021																	
C		7118.	74.	1.	3522.	301.	406777.	407.	24.	22160.	112.	8.	.2	.03	407.	25.	22.6	428.	312.
C		5313.	61.	4.	2557.	410.	162452.	476.	31.	29648.	376.	12.	.4	.04	571.	28.	19.1	359.	227.
C		2970.	16.	3.	2175.	462.	116552.	1628.	21.	23095.	207.	14.	.2	.02	424.	24.	6.6	374.	62.
C		5455.	55.	7.	1666.	428.	105869.	2618.	94.	28023.	316.	33.	.7	.27	537.	43.	6.2	1874.	90.
C		7969.	85.	19.	2520.	590.	150837.	2880.	98.	31211.	426.	37.	2.3	.21	814.	74.	9.0	1788.	157.
C		5528.	59.	39.	2386.	494.	146568.	1436.	146.	20239.	313.	32.	2.7	.23	565.	67.	15.4	735.	184.

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	6/10	800610,38.76,.031,.168,.200,.092,.293,.134,.042,.028																	
C		7457.	75.	1.	3716.	309.	394235.	372.	24.	20431.	111.	7.	.2	.03	391.	24.	23.6	445.	328.
C		5593.	67.	5.	2674.	425.	173306.	428.	30.	28790.	374.	12.	.4	.04	569.	28.	20.4	375.	247.
C		3041.	19.	3.	2474.	482.	117863.	1492.	21.	22530.	208.	13.	.2	.02	433.	25.	7.2	372.	63.
C		5389.	57.	6.	1696.	425.	104859.	2498.	94.	27031.	305.	32.	.6	.25	533.	41.	6.3	1810.	87.
C		7975.	84.	19.	2497.	589.	149744.	2890.	97.	31211.	426.	37.	2.3	.21	813.	73.	9.0	1740.	159.
C		5536.	55.	37.	2389.	497.	148375.	1501.	151.	20523.	316.	33.	2.9	.23	572.	68.	17.4	713.	188.
F	6/13	800613,36.66,.047,.162,.175,.084,.276,.143,.059,.046																	
C		6603.	66.	1.	3192.	285.	425346.	461.	25.	24807.	112.	8.	.2	.03	427.	26.	20.9	401.	285.
C		5023.	58.	5.	2400.	406.	157084.	457.	31.	30552.	399.	12.	.4	.04	580.	28.	17.8	353.	220.
C		2914.	18.	4.	2232.	418.	108963.	1629.	21.	23421.	217.	14.	.2	.02	433.	25.	6.7	374.	64.
C		5381.	55.	6.	1650.	425.	104943.	2549.	95.	27193.	311.	33.	.5	.27	533.	41.	6.2	1827.	89.
C		7768.	87.	19.	2474.	593.	150488.	2825.	96.	30467.	422.	36.	2.2	.21	804.	72.	9.0	1688.	158.
C		5524.	61.	40.	2384.	492.	145800.	1409.	144.	20120.	312.	32.	2.6	.23	562.	67.	14.5	744.	182.
R	6/15	8006150100,12.5,66.4,.43,360																	
R	6/15	8006151900,.5,67.2,.1,180																	
F	6/18	800618,38.86,.063,.211,.199,.087,.258,.116,.038,.020																	
C		7224.	95.	1.	3695.	318.	404447.	395.	23.	21562.	121.	7.	.2	.03	418.	24.	23.8	443.	322.
C		5455.	63.	4.	2624.	415.	166715.	466.	31.	29212.	371.	12.	.5	.04	568.	28.	19.7	365.	235.
C		2998.	19.	3.	2379.	462.	115226.	1542.	21.	22832.	210.	14.	.2	.02	432.	25.	7.0	373.	63.
C		5376.	58.	6.	1700.	424.	104674.	2478.	94.	26852.	304.	32.	.5	.24	532.	40.	6.3	1798.	87.
C		7879.	86.	19.	2500.	591.	150706.	2855.	97.	30878.	424.	37.	2.3	.21	810.	73.	9.0	1744.	158.
C		5635.	60.	37.	2447.	496.	150724.	1461.	145.	20332.	314.	33.	2.9	.24	569.	70.	20.3	778.	181.
F	6/20	800620,52.01,.036,.166,.194,.096,.277,.130,.053,.033																	
C		7058.	114.	1.	3702.	328.	412056.	411.	23.	22358.	131.	7.	.2	.03	441.	24.	24.1	445.	319.
C		5580.	60.	4.	2728.	404.	162918.	546.	31.	28812.	340.	13.	.6	.03	556.	27.	20.2	355.	225.
C		3055.	15.	3.	2208.	518.	125442.	1582.	21.	22547.	196.	13.	.2	.02	416.	23.	6.8	373.	60.
C		5498.	61.	7.	1797.	428.	105927.	2500.	90.	27839.	303.	31.	1.0	.19	536.	42.	6.5	1840.	84.
C		8286.	90.	19.	2840.	598.	162508.	2875.	101.	32607.	435.	38.	2.7	.20	837.	80.	9.5	2456.	143.
C		6076.	63.	25.	2698.	508.	168038.	1573.	139.	20759.	318.	34.	3.6	.27	587.	79.	41.0	953.	170.
R	6/23	8006230600,7.4,74.7,.96,420																	
F	6/26	800626,31.48,.043,.173,.193,.096,.289,.125,.045,.027																	
C		7229.	70.	1.	3562.	301.	402353.	396.	24.	21610.	110.	8.	.2	.03	399.	24.	22.8	432.	316.
C		5180.	60.	5.	2476.	411.	161503.	450.	31.	30065.	392.	12.	.4	.04	577.	28.	18.5	359.	227.
C		2892.	18.	4.	2151.	412.	108344.	1667.	21.	23590.	217.	14.	.2	.02	431.	24.	6.5	375.	64.
C		5410.	54.	6.	1625.	427.	105423.	2616.	96.	27684.	317.	33.	.5	.29	536.	42.	6.1	1861.	91.
C		8021.	83.	18.	2468.	586.	148004.	2918.	98.	31342.	426.	38.	2.3	.21	814.	73.	8.9	1680.	160.
C		5469.	55.	38.	2351.	496.	145849.	1488.	152.	20477.	316.	33.	2.8	.23	570.	67.	14.4	685.	190.
R	6/28	8006280400,4.7,79.7,.26,180																	
F	7/ 1	800701,47.87,.236,.121,.185,.210,.127,.052,.064																	
C		5929.	9.	9.	2467.	346.	351863.	683.	20.	18329.	162.	10.	.2	.05	465.	19.	13.0	423.	268.
C		2997.	3.	6.	967.	170.	106279.	1251.	20.	20599.	209.	18.	.2	.02	433.	23.	5.6	350.	53.
C		4799.	22.	5.	1636.	329.	128311.	1848.	58.	24423.	316.	28.	.4	.05	479.	42.	7.4	1381.	65.
C		7141.	42.	8.	3177.	728.	219895.	2314.	119.	33516.	181.	34.	1.9	.12	804.	62.	11.8	2526.	102.
C		4882.	31.	28.	2079.	493.	153696.	1697.	144.	20917.	354.	27.	.6	.23	598.	62.	8.6	900.	136.
F	7/ 3	800703,46.40,.222,.120,.173,.226,.136,.055,.054																	
C		5019.	9.	14.	2766.	336.	298877.	699.	21.	22608.	195.	11.	.2	.07	463.	22.	13.9	341.	194.
C		2865.	2.	6.	836.	174.	121837.	1417.	21.	21571.	231.	17.	.2	.02	434.	23.	5.3	372.	49.
C		4880.	19.	6.	1643.	315.	115457.	1975.	48.	26291.	321.	30.	.5	.04	495.	42.	7.4	1607.	62.
C		6844.	31.	9.	3348.	651.	220717.	1411.	115.	33752.	345.	37.	1.6	.14	809.	64.	11.2	2562.	103.
C		4446.	23.	22.	1947.	443.	133939.	1641.	137.	20901.	357.	27.	1.6	.38	616.	58.	8.9	1024.	121.
F	7/ 8	800708,54.56,.276,.153,.170,.196,.112,.039,.043																	
C		4719.	8.	17.	2592.	331.	294124.	696.	21.	23044.	207.	11.	.2	.08	456.	23.	13.0	321.	178.
C		2778.	2.	5.	765.	170.	120761.	1424.	21.	21422.	235.	17.	.2	.02	435.	24.	5.1	374.	48.
C		4869.	18.	6.	1602.	309.	110278.	1978.	46.	26379.	321.	30.	.5	.04	496.	42.	7.4	1636.	61.
C		6857.	32.	10.	3390.	652.	227737.	1421.	116.	33888.	354.	37.	1.6	.14	810.	64.	11.3	2563.	104.
C		4469.	23.	22.	1966.	448.	138494.	1657.	139.	21085.	359.	28.	1.6	.38	616.	59.	9.0	1036.	121.

1980 STREET DIRT DATA FOR THE JOHN STREET NORTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	7/11	800711,76.88,.215,.127,.185,.256,.118,.039,.047																	
C		4251.	7.	20.	2330.	323.	286308.	692.	22.	23756.	224.	11.	.2	.08	446.	23.	11.7	290.	154.
C		2577.	2.	5.	603.	162.	117330.	1431.	22.	21014.	244.	17.	.2	.02	437.	25.	4.6	378.	45.
C		4803.	15.	6.	1421.	289.	91926.	1953.	41.	26209.	319.	31.	.3	.03	499.	42.	7.0	1698.	59.
C		6767.	28.	9.	3280.	635.	205089.	1244.	114.	33483.	353.	37.	1.6	.13	809.	63.	11.0	2564.	102.
C		4390.	21.	23.	1903.	432.	123927.	1607.	131.	20513.	354.	27.	1.5	.39	614.	55.	8.7	1002.	119.
S	7/21	8007210730,103,.01,125.7																	
F	7/21	800721,38.14,.194,.136,.166,.211,.142,.063,.081																	
C		2642.	1.	1.	2744.	304.	109125.	1480.	45.	34316.	141.	11.	.2	.07	563.	36.	7.2	254.	177.
C		2307.	9.	4.	1551.	274.	43535.	2582.	44.	30376.	142.	16.	1.0	.03	468.	52.	3.7	458.	293.
C		5309.	23.	6.	1577.	379.	75782.	2688.	72.	29976.	178.	19.	.2	1.66	541.	44.	4.9	1282.	241.
C		6103.	53.	8.	2660.	611.	133375.	3279.	132.	35981.	225.	33.	5.9	.14	784.	67.	8.0	2394.	296.
C		5504.	49.	20.	2330.	539.	139468.	1938.	182.	29531.	189.	27.	3.5	.11	717.	67.	7.3	1149.	315.
S	7/24	8007240730,3,.29,73.7																	
F	7/24	800724,31.84,.133,.116,.168,.235,.163,.080,.098																	
C		3119.	1.	1.	3206.	347.	130249.	1334.	45.	31367.	148.	12.	.2	.08	548.	35.	8.0	240.	153.
C		2976.	9.	4.	1740.	295.	46439.	2464.	45.	28826.	139.	15.	1.0	.04	464.	45.	4.0	411.	217.
C		5241.	26.	7.	1705.	399.	82175.	2663.	74.	29918.	182.	18.	.2	1.69	545.	47.	5.3	1191.	177.
C		5558.	63.	7.	2785.	665.	126791.	3374.	137.	37362.	231.	32.	5.7	.14	801.	69.	8.2	2206.	221.
C		5221.	62.	16.	2324.	551.	165023.	1959.	185.	30638.	198.	28.	3.7	.12	721.	69.	7.4	1056.	245.
R	7/26	8007261900,28.5,3.5,.16,300																	
R	7/27	8007271000,.5,4.2,.88,420																	
S	7/28	8007280900,4,.29,19.3																	
F	7/30	800730,24.73,.184,.134,.184,.236,.134,.051,.066																	
C		2861.	1.	1.	2898.	316.	115612.	1409.	45.	32647.	141.	11.	.2	.07	554.	35.	7.5	248.	166.
C		2556.	9.	4.	1657.	289.	44758.	2518.	44.	29608.	140.	15.	1.0	.03	465.	49.	3.8	437.	259.
C		5279.	24.	6.	1616.	385.	77728.	2671.	72.	29885.	179.	18.	.2	1.68	542.	45.	5.1	1250.	220.
C		6004.	54.	8.	2683.	621.	132172.	3296.	133.	36235.	226.	33.	5.9	.14	787.	67.	8.0	2359.	282.
C		5492.	50.	20.	2336.	539.	139827.	1929.	181.	29576.	189.	27.	3.6	.11	717.	67.	7.3	1138.	308.
S	7/31	8007310950,3,.29,16.6																	
F	7/31	800731,19.15,.205,.134,.169,.225,.140,.057,.060																	
C		2887.	1.	1.	2913.	317.	116198.	1400.	45.	32433.	141.	11.	.2	.07	553.	35.	7.6	247.	165.
C		2650.	9.	4.	1683.	292.	45166.	2502.	44.	29391.	140.	15.	1.1	.03	465.	48.	3.8	430.	249.
C		5233.	25.	6.	1647.	390.	79168.	2635.	71.	29625.	178.	18.	.2	1.76	541.	45.	5.1	1216.	202.
C		5616.	59.	8.	2740.	632.	129029.	3304.	133.	36221.	223.	32.	5.9	.15	790.	67.	8.1	2232.	242.
C		5329.	59.	19.	2361.	545.	150785.	1895.	182.	30192.	192.	27.	3.8	.10	718.	68.	7.4	1052.	247.
R	8/ 2	8008021400,4.9,2.2,.08,240																	
S	8/ 4	8008040800,4,.29,16.7																	
F	8/ 4	800804,18.57,.181,.137,.173,.225,.144,.063,.069																	
C		2582.	1.	1.	2738.	306.	109354.	1503.	46.	34972.	144.	12.	.2	.07	566.	37.	7.2	255.	180.
C		2569.	9.	4.	1590.	275.	44529.	2556.	45.	29960.	142.	15.	1.0	.03	468.	50.	3.8	443.	268.
C		5294.	24.	6.	1640.	389.	78980.	2694.	73.	30098.	181.	19.	.2	1.63	544.	46.	5.1	1245.	211.
C		5717.	59.	8.	2737.	640.	129247.	3325.	134.	36613.	227.	32.	5.8	.14	793.	68.	8.1	2263.	247.
C		5281.	61.	18.	2347.	547.	156704.	1919.	183.	30385.	195.	28.	3.8	.11	719.	68.	7.4	1051.	245.
R	8/ 4	8008042300,2.3,.6,.11,120																	
S	8/ 7	8008070730,3,.29,4.9																	
S	8/11	8008110730,4,.29,18.3																	
R	8/11	8008110900,6.4,.1,.03,60																	
F	8/12	800812,14.50,.226,.138,.160,.206,.146,.061,.054																	
C		2591.	1.	1.	2729.	304.	108740.	1499.	45.	34814.	143.	12.	.2	.07	565.	36.	7.2	255.	180.
C		2633.	9.	4.	1649.	285.	44973.	2521.	45.	29588.	140.	15.	1.0	.03	466.	49.	3.8	434.	255.
C		5181.	25.	6.	1661.	392.	79735.	2588.	70.	29249.	176.	18.	.2	1.86	538.	44.	5.2	1187.	191.
C		5493.	60.	8.	2752.	631.	128313.	3295.	132.	36035.	221.	31.	5.9	.15	789.	67.	8.1	2194.	231.
C		5334.	60.	19.	2374.	544.	148776.	1875.	181.	30165.	191.	27.	3.9	.09	717.	68.	7.4	1040.	240.
R	8/13	8008132100,2.5,2.7,1.85,1620																	
R	8/16	8008160600,1.3,5.1,.73,480																	

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	8/17	8008170900,.8,6.2,.14,60																	
R	8/18	8008180700,.9,7.2,.68,600																	
S	8/19	8008190720,8,.13,17.5																	
F	8/20	800820,16.23,.223,.147,.168,.212,.137,.053,.050																	
C			2339.	1.	1.	2559.	291.	101724.	1582.	46.	36782.	144.	12.	.2	.06	576.	37.	6.8	261.	192.
C			2244.	8.	3.	1444.	254.	42896.	2643.	45.	31011.	144.	16.	.8	.03	471.	54.	3.7	472.	313.
C			5425.	22.	6.	1561.	377.	75326.	2799.	76.	30873.	183.	20.	.2	1.42	549.	46.	4.9	1338.	259.
C			6364.	51.	7.	2642.	622.	134486.	3313.	135.	36638.	232.	34.	5.9	.14	788.	68.	7.9	2474.	315.
C			5486.	48.	19.	2297.	541.	145328.	1992.	184.	29624.	193.	28.	3.3	.13	719.	67.	7.2	1179.	333.
S	8/22	8008220735,3,.29,9.3																	
S	8/25	8008250940,3,.29,10.9																	
F	8/25	800825,20.17,.156,.126,.162,.221,.162,.075,.089																	
C			2254.	1.	1.	2503.	287.	99393.	1610.	46.	37447.	144.	12.	.2	.06	579.	38.	6.7	263.	196.
C			2215.	8.	3.	1438.	253.	42776.	2648.	45.	31070.	145.	16.	.8	.03	471.	54.	3.6	474.	316.
C			5415.	22.	6.	1562.	377.	75308.	2788.	75.	30788.	182.	20.	.2	1.44	548.	45.	4.9	1334.	258.
C			6310.	52.	7.	2647.	620.	134234.	3307.	134.	36520.	231.	33.	5.9	.14	787.	68.	7.9	2458.	311.
C			5433.	52.	19.	2324.	542.	146519.	1951.	183.	29812.	192.	28.	3.5	.12	718.	67.	7.3	1131.	301.
S	8/28	8008280930,3,.29,10.8																	
F	8/28	800828,20.24,.160,.115,.164,.225,.163,.077,.091																	
C			4168.	3.	2.	2030.	711.	88305.	1004.	59.	36540.	90.	17.	.2	.06	591.	31.	7.6	227.	159.
C			3433.	4.	5.	1036.	318.	69954.	2208.	163.	27213.	112.	16.	.2	.02	492.	35.	4.5	274.	80.
C			3863.	23.	5.	1569.	328.	96373.	2287.	57.	24938.	171.	20.	.6	.03	491.	53.	4.2	876.	70.
C			5326.	40.	8.	2885.	561.	149978.	3243.	130.	39077.	233.	33.	2.3	.03	794.	70.	7.1	1921.	118.
C			5272.	59.	1.	2640.	589.	176647.	2369.	172.	38229.	244.	35.	1.0	.36	818.	70.	7.3	1261.	193.
R	8/31	8008311000,12.7,3,.16,240																	
R	9/ 1	8009010300,.6,3.8,.4,660																	
R	9/ 2	8009020001,.5,4.9,.92,240																	
S	9/ 3	8009030931,6,.17,9.3																	
F	9/ 3	800903,15.47,.174,.132,.169,.229,.156,.067,.067																	
C			4136.	3.	2.	2319.	660.	115007.	729.	66.	31582.	116.	16.	.2	.04	526.	32.	8.8	226.	166.
C			3562.	4.	5.	1117.	325.	71496.	1765.	115.	25280.	108.	14.	.2	.02	519.	33.	4.5	258.	74.
C			3822.	24.	6.	1551.	329.	96205.	2066.	54.	23365.	157.	19.	.5	.03	467.	54.	4.2	859.	66.
C			5262.	41.	8.	2918.	550.	148313.	3191.	129.	38581.	230.	32.	2.2	.03	791.	70.	7.2	1917.	114.
C			5258.	54.	1.	2594.	583.	174842.	2381.	170.	37869.	247.	34.	1.0	.35	818.	70.	7.3	1278.	197.
S	9/ 5	8009050930,2,.29,70.3																	
F	9/ 5	800905,16.34,.174,.138,.176,.232,.155,.062,.058																	
C			4141.	3.	2.	2284.	666.	111731.	763.	65.	32180.	113.	16.	.2	.05	534.	32.	8.7	226.	166.
C			3541.	4.	5.	1119.	326.	71446.	1826.	121.	25550.	108.	14.	.2	.02	515.	33.	4.5	260.	75.
C			3847.	24.	6.	1569.	329.	96372.	2184.	56.	24187.	164.	19.	.5	.03	480.	54.	4.2	867.	68.
C			5347.	40.	8.	2875.	564.	150565.	3261.	131.	39256.	234.	33.	2.3	.03	795.	70.	7.1	1923.	120.
C			5293.	55.	1.	2638.	588.	175026.	2389.	172.	38199.	247.	35.	.9	.35	814.	70.	7.3	1271.	198.
R	9/ 5	8009051200,3.4,.1,.08,120																	
R	9/ 7	8009070900,1.8,2,.28,540																	
R	9/ 8	8009080800,.6,3.1,.03,60																	
S	9/ 9	8009091002,4,.29,16.5																	
S	9/12	8009120830,3,.29,13.8																	
F	9/12	800912,17.17,.204,.125,.184,.212,.151,.065,.060																	
C			4408.	4.	2.	2172.	727.	95286.	931.	59.	33633.	92.	15.	.2	.06	562.	30.	8.1	225.	180.
C			3423.	4.	5.	1317.	358.	73647.	2064.	142.	26622.	111.	16.	.2	.02	492.	35.	4.6	270.	79.
C			3880.	25.	6.	1641.	336.	97036.	2241.	57.	24453.	164.	19.	.5	.04	485.	53.	4.3	864.	70.
C			5216.	44.	8.	2938.	581.	149584.	3203.	129.	39211.	232.	33.	2.4	.03	797.	70.	7.3	1898.	119.
C			5284.	61.	1.	2666.	592.	177369.	2366.	173.	38430.	243.	35.	1.0	.36	817.	71.	7.3	1254.	192.
R	9/12	8009121100,4.1,.1,.05,120																	
R	9/13	8009130800,.8,1,.06,120																	
R	9/16	8009160200,2.7,3.8,.84,360																	
R	9/16	8009161900,.5,4.6,.89,540																	
S	9/19	8009190840,7,.14,18.8																	

1980 STREET DIRT DATA FOR THE JOHN STREET NORTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	9/19	800919,15.08,.207,.138,.208,.209,.137,.052,.049																	
C		4274.	3.	2.	2017.	730.	84592.	1041.	57.	36568.	84.	16.	.2	.07	595.	31.	7.5	226.	166.
C		3444.	4.	5.	1277.	351.	73196.	2024.	139.	26440.	110.	16.	.2	.02	496.	34.	4.6	268.	78.
C		3874.	25.	6.	1646.	337.	97083.	2193.	57.	24095.	160.	19.	.5	.04	480.	53.	4.3	859.	70.
C		5237.	44.	8.	2927.	589.	150452.	3226.	130.	39502.	234.	33.	2.4	.04	798.	71.	7.3	1898.	122.
C		5307.	58.	1.	2666.	591.	175749.	2387.	173.	38418.	245.	36.	.9	.35	813.	70.	7.3	1263.	196.
S	9/21	8009210827,2,.29,15.8																	
F	9/22	800922,17.81,.174,.117,.159,.236,.167,.068,.073																	
C		4220.	3.	2.	2134.	703.	96421.	920.	61.	34629.	97.	16.	.2	.06	568.	31.	8.0	226.	166.
C		3471.	4.	5.	1081.	323.	70683.	2065.	147.	26595.	111.	15.	.2	.02	500.	34.	4.5	269.	78.
C		3843.	24.	6.	1561.	328.	96300.	2177.	56.	24154.	164.	19.	.5	.03	479.	54.	4.2	868.	68.
C		5307.	40.	8.	2895.	556.	149377.	3226.	130.	38886.	232.	33.	2.2	.03	793.	70.	7.1	1921.	117.
C		5241.	60.	1.	2621.	588.	177761.	2350.	171.	38099.	243.	35.	1.1	.37	823.	70.	7.4	1258.	190.
S	9/25	8009250840,4,.29,12.5																	
F	9/25	800925,17.60,.160,.111,.162,.248,.176,.065,.068																	
C		4120.	3.	2.	2197.	676.	104485.	837.	64.	33720.	106.	17.	.2	.05	553.	32.	8.4	226.	161.
C		3567.	4.	5.	1057.	316.	70711.	1788.	118.	25370.	108.	14.	.2	.02	520.	33.	4.5	259.	75.
C		3792.	25.	6.	1544.	330.	96147.	1888.	52.	22092.	145.	18.	.5	.03	447.	55.	4.2	844.	64.
C		5071.	47.	8.	3010.	568.	146448.	3098.	126.	38341.	225.	32.	2.3	.03	793.	69.	7.4	1884.	112.
C		5249.	65.	1.	2656.	592.	179339.	2338.	173.	38374.	240.	35.	1.1	.38	823.	71.	7.4	1244.	187.
R	10/ 1	8010011800,14.6,6.4,.59,240																	
S	10/ 2	8010020905,7,.14,32.6																	
S	10/ 6	8010060820,4,.29,16.4																	
S	10/ 9	8010090847,3,.29,9.7																	
F	10/ 9	801009,14.76,.144,.133,.176,.228,.160,.069,.084																	
C		8775.	7.	1.	2392.	639.	169305.	2212.	40.	31215.	116.	11.	.2	.09	575.	47.	9.7	260.	175.
C		5923.	5.	2.	2010.	531.	106650.	2698.	191.	26863.	204.	16.	.2	.05	454.	39.	5.5	212.	117.
C		5311.	32.	7.	1967.	470.	110252.	3614.	104.	27980.	175.	21.	.2	.08	503.	49.	6.2	437.	114.
C		3196.	71.	8.	3558.	735.	188261.	3885.	124.	38487.	230.	35.	.9	.21	768.	80.	8.5	732.	164.
C		4305.	85.	1.	2873.	623.	186700.	2121.	135.	35010.	241.	32.	1.1	.23	754.	75.	8.5	987.	250.
S	10/13	8010130800,4,.29,22.8																	
F	10/13	801013,14.80,.131,.108,.155,.216,.167,.081,.137																	
C		9055.	7.	1.	2484.	653.	177566.	2044.	39.	29936.	114.	11.	.2	.09	564.	44.	10.1	263.	178.
C		5868.	4.	2.	2100.	527.	112684.	2513.	171.	25674.	188.	15.	.2	.06	448.	37.	5.6	211.	116.
C		5298.	27.	7.	2083.	481.	115354.	3384.	109.	27060.	171.	20.	.2	.09	502.	49.	6.4	432.	113.
C		3438.	68.	7.	3670.	752.	189173.	3729.	125.	37965.	226.	34.	.8	.20	769.	80.	8.5	734.	163.
C		4490.	85.	1.	2891.	631.	183294.	2048.	132.	34621.	233.	32.	1.1	.22	750.	74.	8.5	978.	244.
R	10/14	8010141700,12.8,1.4,.08,60																	
R	10/17	8010170500,2.5,4,.49,120																	
R	10/17	8010172000,.6,4.7,.04,60																	
S	10/20	8010200935,7,.14,83.4																	
F	10/20	801020,15.03,.197,.144,.175,.207,.139,.061,.076																	
C		9052.	7.	1.	2533.	654.	175721.	2062.	39.	29941.	115.	11.	.2	.08	564.	45.	10.1	263.	178.
C		5906.	4.	2.	2150.	533.	111053.	2567.	176.	26007.	191.	16.	.2	.06	451.	38.	5.6	212.	117.
C		5339.	26.	7.	2158.	489.	116242.	3350.	109.	27068.	171.	20.	.2	.09	505.	49.	6.5	433.	115.
C		3707.	66.	7.	3853.	775.	188770.	3557.	126.	37364.	222.	34.	.7	.20	771.	79.	8.5	735.	164.
C		4558.	85.	1.	2900.	641.	177228.	1997.	129.	34060.	223.	32.	.9	.22	744.	73.	8.4	967.	239.
F	10/23	801023,20.37,.230,.126,.162,.198,.136,.062,.081																	
C		9142.	7.	1.	2355.	654.	185666.	1942.	39.	29576.	109.	11.	.2	.09	563.	43.	10.1	264.	177.
C		5805.	4.	2.	2036.	516.	115856.	2409.	162.	25032.	181.	15.	.2	.06	443.	36.	5.6	209.	114.
C		5246.	23.	7.	2135.	484.	119851.	3174.	113.	26093.	166.	20.	.2	.10	498.	48.	6.5	427.	110.
C		3766.	61.	8.	3733.	768.	192450.	3519.	124.	37288.	220.	33.	.7	.20	768.	81.	8.6	738.	162.
C		4825.	85.	1.	2916.	630.	186040.	1964.	132.	34694.	235.	32.	1.2	.21	750.	74.	8.5	974.	239.
S	10/23	8010230935,3,.29,55.2																	

	TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F 10/23	801023,16.46,.229,.130,.168,.199,.136,.060,.072																	
C	9329.	6.	1.	2435.	664.	190492.	1836.	39.	28720.	108.	11.	.2	.09	555.	42.	10.4	266.	179.
C	5776.	4.	2.	2129.	516.	120009.	2283.	149.	24219.	169.	15.	.2	.07	440.	35.	5.7	209.	114.
C	5213.	21.	7.	2157.	486.	122276.	3060.	115.	25554.	164.	20.	.2	.10	495.	48.	6.5	424.	109.
C	3896.	58.	8.	3731.	772.	194382.	3435.	124.	37028.	218.	32.	.6	.19	767.	82.	8.7	741.	161.
C	4982.	85.	1.	2927.	626.	189733.	1936.	133.	34937.	239.	32.	1.3	.20	752.	74.	8.5	976.	238.
R 10/24	8010240900,6.5,1,.36,360																	
S 10/27	8010270824,4,.29,75.7																	
R 10/27	8010271000,2.8,.1,.5,1200																	
S 10/30	8010300900,3,.29,140.3																	
F 10/30	801030,16.93,.368,.121,.146,.164,.104,.051,.041																	
C	9500.	6.	1.	2780.	679.	185357.	1826.	38.	27880.	114.	11.	.2	.08	545.	41.	10.8	270.	183.
C	5889.	4.	2.	2360.	539.	116931.	2392.	156.	24867.	174.	15.	.2	.06	447.	37.	5.9	213.	119.
C	5365.	24.	7.	2258.	499.	118838.	3238.	111.	26726.	170.	20.	.2	.10	508.	49.	6.7	432.	115.
C	3797.	66.	7.	3931.	784.	188274.	3499.	127.	37157.	220.	33.	.7	.20	772.	79.	8.5	735.	165.
C	3985.	85.	1.	2855.	639.	174414.	2152.	130.	34100.	224.	33.	.8	.24	746.	73.	8.4	975.	249.
S 11/ 3	8011030915,4,.29,169.3																	
F 11/ 3	801103,14.63,.227,.134,.170,.194,.127,.061,.081																	
C	9371.	6.	1.	2586.	670.	186909.	1855.	39.	28499.	111.	11.	.2	.08	552.	42.	10.5	267.	181.
C	5832.	4.	2.	2165.	524.	116783.	2387.	158.	24867.	177.	15.	.2	.06	444.	36.	5.7	210.	116.
C	5309.	25.	7.	2148.	487.	117317.	3297.	110.	26769.	170.	20.	.2	.09	503.	49.	6.5	431.	113.
C	3740.	64.	7.	3829.	774.	189822.	3536.	126.	37306.	221.	33.	.7	.20	770.	80.	8.6	736.	164.
C	4769.	85.	1.	2915.	638.	180600.	1952.	129.	34249.	226.	32.	1.0	.21	746.	73.	8.5	967.	237.
S 11/ 6	8011060915,3,.29,106																	
F 11/ 6	801106,19.94,.291,.117,.148,.184,.129,.061,.065																	
C	9359.	6.	1.	2553.	668.	187605.	1852.	39.	28558.	110.	11.	.2	.09	553.	42.	10.5	267.	180.
C	5777.	4.	2.	2042.	512.	118024.	2341.	155.	24601.	175.	15.	.2	.07	441.	36.	5.6	208.	114.
C	5209.	23.	7.	2089.	479.	119875.	3167.	113.	25948.	166.	20.	.2	.10	494.	48.	6.4	425.	109.
C	3603.	62.	8.	3605.	752.	193090.	3623.	123.	37657.	223.	33.	.7	.20	767.	82.	8.6	738.	162.
C	4497.	86.	1.	2883.	612.	195517.	2109.	139.	35680.	253.	32.	1.3	.22	760.	76.	8.6	996.	251.
R 11/23	8011230300,25.9,16.7,.25,300																	
S 11/25	801125,19,.05,146.9																	
R 11/29	8011291200,6.4,4,.31,420																	

1981 STREET DIRT DATA FOR THE JOHN STREET NORTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	3/29	8103291000	24.5	4	.12	80													
R	4/ 3	8104030900	4.9	8.9	.12	30													
R	4/ 3	8104031900	.4	9.3	.47	450													
F	4/ 6	8104060900	72.7	.303	.152	.163	.174	.092	.041	.076									
C		5890.	9.	3.	4100.	4240.	245000.	150.	6.	16000.	75.	23.	.2	.02	500.	12.	10.2	194.	132.
C		4190.	5.	3.	2820.	306.	55000.	1100.	24.	19000.	88.	34.	.2	.02	390.	94.	6.0	376.	71.
C		6720.	43.	5.	2780.	324.	103000.	2000.	66.	23000.	260.	25.	.5	.09	520.	28.	6.5	1750.	133.
C		7380.	87.	6.	3470.	544.	170000.	1900.	120.	29000.	410.	32.	.8	.27	850.	48.	10.0	1740.	198.
C		5880.	64.	10.	2700.	556.	77000.	1400.	89.	21000.	550.	32.	3.3	.12	650.	39.	8.1	611.	255.
S	4/ 6	8104061030	12	.08	58.9														
F	4/ 6	8104061300	49.4	.229	.154	.160	.181	.113	.054	.107									
C		5810.	1.	2.	1700.	323.	132000.	620.	22.	28000.	290.	15.	.2	.06	570.	24.	11.1	203.	100.
C		4350.	2.	2.	548.	301.	134000.	1100.	10.	18000.	83.	11.	.2	.04	340.	13.	6.2	286.	57.
C		5910.	36.	5.	2450.	207.	85000.	1600.	100.	23000.	200.	0.	.2	.03	450.	19.	6.4	1620.	66.
C		7270.	59.	9.	6840.	658.	140000.	2200.	82.	30000.	300.	34.	1.0	.88	750.	41.	12.1	2500.	107.
C		5150.	50.	12.	3000.	477.	84000.	1100.	63.	21000.	280.	25.	2.4	.07	600.	33.	14.3	553.	155.
R	4/ 8	8104080900	4.3	1.9	.08	10													
R	4/ 9	8104090001	.6	2.5	.06	30													
F	4/ 9	8104090900	39.2	.269	.182	.178	.168	.091	.040	.069									
C		5890.	9.	3.	4100.	4240.	245000.	150.	6.	16000.	75.	23.	.2	.02	500.	12.	10.2	194.	132.
C		4190.	5.	3.	2820.	306.	55000.	1100.	24.	19000.	88.	34.	.2	.02	390.	94.	6.0	376.	71.
C		6720.	43.	5.	2780.	324.	103000.	2000.	66.	23000.	260.	25.	.5	.09	520.	28.	6.5	1750.	133.
C		7380.	87.	6.	3470.	544.	170000.	1900.	120.	29000.	410.	32.	.8	.27	850.	48.	10.0	1740.	198.
C		5880.	64.	10.	2700.	556.	77000.	1400.	89.	21000.	550.	32.	3.3	.12	650.	39.	8.1	611.	255.
R	4/10	8104100400	1.1	3.7	.53	180													
R	4/10	8104101500	.4	4.2	.76	30													
R	4/11	8104110600	.6	4.8	.81	1570													
R	4/13	8104131100	1.1	7	.22	60													
R	4/14	8104140001	.5	7.5	.22	60													
F	4/15	8104150900	80.1	.301	.147	.170	.193	.105	.042	.041									
C		5890.	9.	3.	4100.	4240.	245000.	150.	6.	16000.	75.	23.	.2	.02	500.	12.	10.2	194.	132.
C		4190.	5.	3.	2820.	306.	55000.	1100.	24.	19000.	88.	34.	.2	.02	390.	94.	6.0	376.	71.
C		6720.	43.	5.	2780.	324.	103000.	2000.	66.	23000.	260.	25.	.5	.09	520.	28.	6.5	1750.	133.
C		7380.	87.	6.	3470.	544.	170000.	1900.	120.	29000.	410.	32.	.8	.27	850.	48.	10.0	1740.	198.
C		5880.	64.	10.	2700.	556.	77000.	1400.	89.	21000.	550.	32.	3.3	.12	650.	39.	8.1	611.	255.
S	4/15	8104151030	9	.11	45.2														
F	4/15	8104151300	48.9	.175	.130	.170	.233	.144	.059	.089									
C		5810.	1.	2.	1700.	323.	132000.	620.	22.	28000.	290.	15.	.2	.06	570.	24.	11.1	203.	100.
C		4350.	2.	2.	548.	301.	134000.	1100.	10.	18000.	83.	11.	.2	.04	340.	13.	6.2	286.	57.
C		5910.	36.	5.	2450.	207.	85000.	1600.	100.	23000.	200.	0.	.2	.03	450.	19.	6.4	1620.	66.
C		7270.	59.	9.	6840.	658.	140000.	2200.	82.	30000.	300.	34.	1.0	.88	750.	41.	12.1	2500.	107.
C		5150.	50.	12.	3000.	477.	84000.	1100.	63.	21000.	280.	25.	2.4	.07	600.	33.	14.3	553.	155.
R	4/19	8104190600	5.2	3.8	.45	650													
S	4/20	8104201030	5	.2	21.7														
R	4/22	8104220400	2.5	1.7	.73	650													
S	4/27	8104271030	7	.14	21.4														
F	4/28	8104280900	61.1	.346	.121	.144	.168	.098	.045	.075									
C		5890.	9.	3.	4100.	4240.	245000.	150.	6.	16000.	75.	23.	.2	.02	500.	12.	10.2	194.	132.
C		4190.	5.	3.	2820.	306.	55000.	1100.	24.	19000.	88.	34.	.2	.02	390.	94.	6.0	376.	71.
C		6720.	43.	5.	2780.	324.	103000.	2000.	66.	23000.	260.	25.	.5	.09	520.	28.	6.5	1750.	133.
C		7380.	87.	6.	3470.	544.	170000.	1900.	120.	29000.	410.	32.	.8	.27	850.	48.	10.0	1740.	198.
C		5880.	64.	10.	2700.	556.	77000.	1400.	89.	21000.	550.	32.	3.3	.12	650.	39.	8.1	611.	255.
R	4/28	8104281700	6.1	1.3	.54	190													
R	4/29	8104291400	.7	2.1	.16	480													
R	4/30	8104302100	1	3.4	.05	20													

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
F	5/ 4	8105040900	60.0	.288	.143	.165	.177	.107	.047	.070									
C		5890.	9.	3.	4100.	4240.	245000.	150.	6.	16000.	75.	23.	.2	.02	500.	12.	10.2	194.	132.
C		4190.	5.	3.	2820.	306.	55000.	1100.	24.	19000.	88.	34.	.2	.02	390.	94.	6.0	376.	71.
C		6720.	43.	5.	2780.	324.	103000.	2000.	66.	23000.	260.	25.	.5	.09	520.	28.	6.5	1750.	133.
C		7380.	87.	6.	3470.	544.	170000.	1900.	120.	29000.	410.	32.	.8	.27	850.	48.	10.0	1740.	198.
C		5880.	64.	10.	2700.	556.	77000.	1400.	89.	21000.	550.	32.	3.3	.12	650.	39.	8.1	611.	255.
S	5/ 4	8105041030	7	.14	43.4														
F	5/ 4	8105041300	43.6	.255	.137	.163	.200	.126	.052	.064									
C		5810.	1.	2.	1700.	323.	132000.	620.	22.	28000.	290.	15.	.2	.06	570.	24.	11.1	203.	100.
C		4350.	2.	2.	548.	301.	134000.	1100.	10.	18000.	83.	11.	.2	.04	340.	13.	6.2	286.	57.
C		5910.	36.	5.	2450.	207.	85000.	1600.	100.	23000.	200.	0.	.2	.03	450.	19.	6.4	1620.	66.
C		7270.	59.	9.	6840.	658.	140000.	2200.	82.	30000.	300.	34.	1.0	.88	750.	41.	12.1	2500.	107.
C		5150.	50.	12.	3000.	477.	84000.	1100.	63.	21000.	280.	25.	2.4	.07	600.	33.	14.3	553.	155.
R	5/ 5	8105050900	4.5	.9	.76	570													
F	5/ 8	8105080900	88.2	.000	.000	.000	.000	.000	.000	.000									
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
R	5/ 9	8105091400	3.8	5.1	.56	230													
R	5/10	8105101300	.8	6.1	.82	770													
S	5/13	8105131030	9	.11	43.6														
R	5/13	8105131700	2.6	.3	1.27	1610													
R	5/17	8105171700	2.9	4.3	1.21	910													
F	5/20	8105200900	52.6	.346	.179	.179	.147	.078	.029	.037									
C		5890.	9.	3.	4100.	4240.	245000.	150.	6.	16000.	75.	23.	.2	.02	500.	12.	10.2	194.	132.
C		4190.	5.	3.	2820.	306.	55000.	1100.	24.	19000.	88.	34.	.2	.02	390.	94.	6.0	376.	71.
C		6720.	43.	5.	2780.	324.	103000.	2000.	66.	23000.	260.	25.	.5	.09	520.	28.	6.5	1750.	133.
C		7380.	87.	6.	3470.	544.	170000.	1900.	120.	29000.	410.	32.	.8	.27	850.	48.	10.0	1740.	198.
C		5880.	64.	10.	2700.	556.	77000.	1400.	89.	21000.	550.	32.	3.3	.12	650.	39.	8.1	611.	255.
S	5/20	8105201030	7	.14	28.9														
F	5/20	8105201300	35.7	.208	.174	.178	.192	.118	.052	.076									
C		5810.	1.	2.	1700.	323.	132000.	620.	22.	28000.	290.	15.	.2	.06	570.	24.	11.1	203.	100.
C		4350.	2.	2.	548.	301.	134000.	1100.	10.	18000.	83.	11.	.2	.04	340.	13.	6.2	286.	57.
C		5910.	36.	5.	2450.	207.	85000.	1600.	100.	23000.	200.	0.	.2	.03	450.	19.	6.4	1620.	66.
C		7270.	59.	9.	6840.	658.	140000.	2200.	82.	30000.	300.	34.	1.0	.88	750.	41.	12.1	2500.	107.
C		5150.	50.	12.	3000.	477.	84000.	1100.	63.	21000.	280.	25.	2.4	.07	600.	33.	14.3	553.	155.
F	5/26	8105260900	42.0	.297	.172	.184	.168	.092	.039	.046									
C		5890.	9.	3.	4100.	4240.	245000.	150.	6.	16000.	75.	23.	.2	.02	500.	12.	10.2	194.	132.
C		4190.	5.	3.	2820.	306.	55000.	1100.	24.	19000.	88.	34.	.2	.02	390.	94.	6.0	376.	71.
C		6720.	43.	5.	2780.	324.	103000.	2000.	66.	23000.	260.	25.	.5	.09	520.	28.	6.5	1750.	133.
C		7380.	87.	6.	3470.	544.	170000.	1900.	120.	29000.	410.	32.	.8	.27	850.	48.	10.0	1740.	198.
C		5880.	64.	10.	2700.	556.	77000.	1400.	89.	21000.	550.	32.	3.3	.12	650.	39.	8.1	611.	255.
S	5/26	8105261030	6	.17	23.2														
F	5/26	8105261300	21.9	.197	.161	.170	.201	.132	.058	.078									
C		5810.	1.	2.	1700.	323.	132000.	620.	22.	28000.	290.	15.	.2	.06	570.	24.	11.1	203.	100.
C		4350.	2.	2.	548.	301.	134000.	1100.	10.	18000.	83.	11.	.2	.04	340.	13.	6.2	286.	57.
C		5910.	36.	5.	2450.	207.	85000.	1600.	100.	23000.	200.	0.	.2	.03	450.	19.	6.4	1620.	66.
C		7270.	59.	9.	6840.	658.	140000.	2200.	82.	30000.	300.	34.	1.0	.88	750.	41.	12.1	2500.	107.
C		5150.	50.	12.	3000.	477.	84000.	1100.	63.	21000.	280.	25.	2.4	.07	600.	33.	14.3	553.	155.
F	5/28	8105280900	32.8	.235	.148	.166	.188	.119	.056	.087									
C		5890.	9.	3.	4100.	4240.	245000.	150.	6.	16000.	75.	23.	.2	.02	500.	12.	10.2	194.	132.
C		4190.	5.	3.	2820.	306.	55000.	1100.	24.	19000.	88.	34.	.2	.02	390.	94.	6.0	376.	71.
C		6720.	43.	5.	2780.	324.	103000.	2000.	66.	23000.	260.	25.	.5	.09	520.	28.	6.5	1750.	133.
C		7380.	87.	6.	3470.	544.	170000.	1900.	120.	29000.	410.	32.	.8	.27	850.	48.	10.0	1740.	198.
C		5880.	64.	10.	2700.	556.	77000.	1400.	89.	21000.	550.	32.	3.3	.12	650.	39.	8.1	611.	255.
R	5/29	8105292100	11.5	3.4	.16	50													

1981 STREET DIRT DATA FOR THE JOHN STREET NORTH BASIN

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	6/ 1	8106011200	2.6	6	.05	40													
R	6/ 3	8106030200	1.6	7.6	.04	30													
F	6/ 4	8106040900	41.9	.272	.179	.189	.190	.093	.035	.038									
C			8340.	56.	1.	1260.	522.	444000.	840.	43.	19000.	230.	6.	.2	.01	440.	9.	10.8	237.	157.
C			5030.	0.	1.	2300.	279.	532000.	1300.	10.	23000.	290.	12.	.2	.03	390.	16.	6.3	288.	46.
C			6410.	43.	4.	2040.	282.	127000.	2500.	64.	27000.	290.	22.	.5	.04	500.	21.	6.2	1330.	44.
C			8890.	122.	1.	9430.	550.	225000.	1200.	40.	21000.	320.	26.	1.0	.11	680.	36.	11.0	2350.	92.
C			6760.	84.	13.	3280.	451.	128000.	1500.	51.	25000.	320.	29.	1.0	.11	710.	40.	8.4	945.	132.
R	6/ 5	8106050800	2.2	9.9	.03	40													
R	6/ 8	8106082200	3.6	13.5	.14	180													
F	6/11	8106110900	42.9	.291	.158	.173	.183	.103	.044	.046									
C			8340.	56.	1.	1260.	522.	444000.	840.	43.	19000.	230.	6.	.2	.01	440.	9.	10.8	237.	157.
C			5030.	0.	1.	2300.	279.	532000.	1300.	10.	23000.	290.	12.	.2	.03	390.	16.	6.3	288.	46.
C			6410.	43.	4.	2040.	282.	127000.	2500.	64.	27000.	290.	22.	.5	.04	500.	21.	6.2	1330.	44.
C			8890.	122.	1.	9430.	550.	225000.	1200.	40.	21000.	320.	26.	1.0	.11	680.	36.	11.0	2350.	92.
C			6760.	84.	13.	3280.	451.	128000.	1500.	51.	25000.	320.	29.	1.0	.11	710.	40.	8.4	945.	132.
R	6/12	8106120900	3.3	16.9	.41	260													
R	6/13	8106130800	.8	17.9	.14	10													
R	6/13	8106131700	.4	18.3	.3	70													
R	6/15	8106152100	2.1	20.4	.85	90													
F	6/18	8106180900	43.7	.302	.154	.166	.187	.105	.042	.044									
C			8340.	56.	1.	1260.	522.	444000.	840.	43.	19000.	230.	6.	.2	.01	440.	9.	10.8	237.	157.
C			5030.	0.	1.	2300.	279.	532000.	1300.	10.	23000.	290.	12.	.2	.03	390.	16.	6.3	288.	46.
C			6410.	43.	4.	2040.	282.	127000.	2500.	64.	27000.	290.	22.	.5	.04	500.	21.	6.2	1330.	44.
C			8890.	122.	1.	9430.	550.	225000.	1200.	40.	21000.	320.	26.	1.0	.11	680.	36.	11.0	2350.	92.
C			6760.	84.	13.	3280.	451.	128000.	1500.	51.	25000.	320.	29.	1.0	.11	710.	40.	8.4	945.	132.
R	6/21	8106210500	5.3	25.8	.16	80													
R	6/21	8106212200	.7	26.5	1.6	80													
R	6/24	8106240600	2.3	28.8	.3	90													
R	6/24	8106242000	.5	29.4	.11	90													
F	6/25	8106250900	38.8	.000	.000	.000	.000	.000	.000	.000									
C			0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C			0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C			0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C			0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
C			0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.0	0.00	0.	0.	0.0	0.	0.
F	7/ 1	8107010900	87.1	.000	.000	.000	.000	.000	.000	.000									
R	7/ 4	8107040700	9.4	38.8	1.87	1150													
F	7/ 7	8107070900	70.1	.260	.136	.161	.183	.127	.066	.054									
R	7/ 9	8107092000	4.7	44.4	.04	10													
F	7/10	8107100900	76.7	.243	.143	.184	.190	.122	.051	.060									
R	7/13	8107132100	4	48.4	.05	40													
R	7/15	8107150500	1.3	49.8	.51	230													
F	7/16	8107160900	63.0	.263	.170	.170	.162	.121	.048	.065									
R	7/19	8107190001	3.6	53.5	1.22	730													
R	7/19	8107192300	.4	54.9	.21	120													
F	7/22	8107220900	66.4	.288	.180	.174	.175	.103	.025	.040									
F	7/24	8107240900	56.9	.297	.159	.168	.186	.102	.039	.039									
R	7/26	8107260001	6	60.5	1.18	60													
R	7/26	8107261000	.4	61	.08	70													
R	7/27	8107270300	.7	61.7	.9	390													
R	7/27	8107272000	.4	62.4	.38	440													
F	7/30	8107300900	36.7	.218	.157	.216	.194	.118	.026	.059									
R	8/ 2	8108022100	5.7	68.4	.18	210													
F	8/ 5	8108050900	44.8	.261	.162	.196	.181	.099	.042	.050									
R	8/ 5	8108051300	2.5	71.1	1.69	300													

		TDS	NH3	NO2	K-N	PHOS	COD	PB	CU	FE	ZN	CR	CD	HG	MN	NI	%VOL	SO4	CL2
R	8/ 9	8108091900	4	75.3	2.68	80													
F	8/12	8108120900		48.8	.271	.148	.181	.205	.082	.048	.063								
F	8/14	8108140900		45.8	.247	.160	.186	.194	.102	.052	.059								
R	8/14	8108141500	4.8	80.2	.29	30													
R	8/15	8108150001	.4	80.5	1.58	330													
S	8/18	8108180900	84	.01	128														
R	8/26	8108261400	11.3	8.2	.6	100													
R	8/27	8108271500	1	9.3	1.34	700													
R	8/29	8108292300	1.8	11.6	.42	50													
R	8/30	8108302300	1	12.6	.08	70													